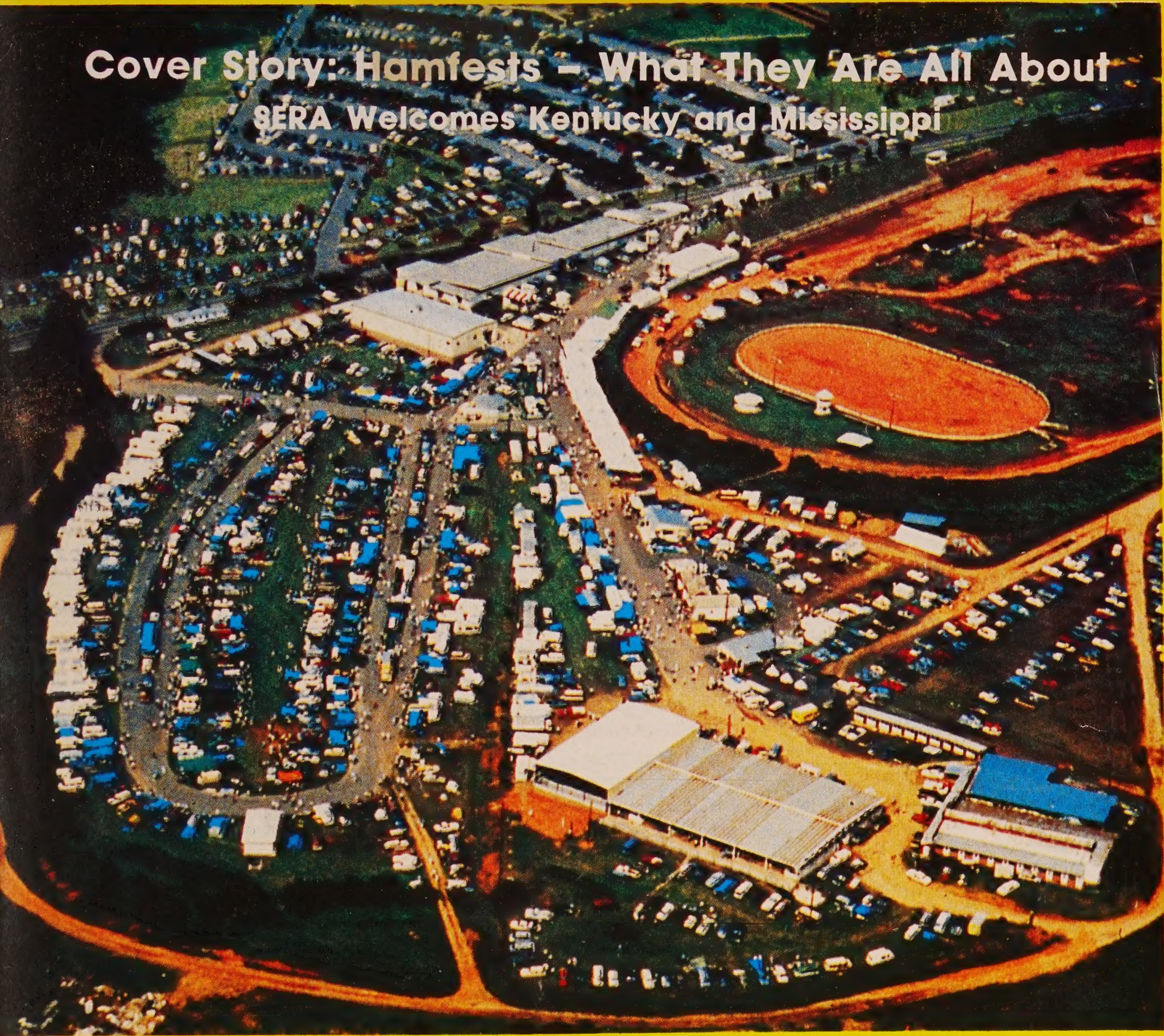
UPDATED REPEATER INDEXES — NC, SC, VA, WV, TN, KY, GA, MS INSIDE!

REPEATER JOURNAL

SouthEastern Repeater Association, Inc.

November
1989
2.50



Cover Story: Hamfests — What They Are All About

SERA Welcomes Kentucky and Mississippi

Representing Coordination and VHF/UHF Interests Throughout North Carolina, South Carolina, Virginia, Tennessee, West Virginia, Kentucky, Georgia and Mississippi.

THE TWIN BANDER

DR-57OT

ALINCO
570
MAIN
ALINCO VHF UHF TWIN BAND FM TRANSCEIVER DR-570
H/L
SUB
CTCSS
145.000
445.000
VFO LOCK
MR MW
MAIN VOL SQL SUB
FUNCTION
ABX
TWIN
BAND SUB
SCAN SKIP
SHIFT PRIO
TONE T.SEL
REV STEP
MUTE BEEP
CALL BELL
1
2
3
4
5
6
7
8
9
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#

The **ALINCO Model DR-57OT** is a dual band transceiver offering big value in a small package. The independent main band and sub-band operation permits full duplex operation. The front panel is easy to read and understand. The LCD display lets the operator know at a glance which functions are in operation. The built-in duplexer has a single antenna output for a dual band antenna. **ALINCO** has listened to the consumer and in response has created the versatile **DR-57OT** which is truly user-friendly with minimal effort.

- *ULTRA-COMPACT BODY*
  5 7/8" (W) x 2" (H) x 8 1/2" (D)
- *HIGH POWER*
  45 watts on 2M and 35 watts on 70 cm. Approximately 5 watts low power.
- *EXTENDED RECEIVER RANGE*
  (130-169.995 MHz) on 2M, 144-147.995 MHz transmit. 440-449.995 MHz on 70 cm. (transmit and receive)
  (Specifications guaranteed on amateur bands only. Modifiable for MARS/CAP permits required)
- *SIMULTANEOUS*
  Receiving on both bands at the same time
  Scanning: intermix scan modes on both bands at the same time
- *INDEPENDENT*
  The volume, squelch and control dial are independently adjustable on both bands. You can store the following information on both bands at the same time. Priority function, choice of 37 encoding/decoding sub-tone frequencies,call channel, scan function (program, memory channel, VFO or unique open channel scan), memory skip, bell function, + or - repeater shift.

FULL FEATURES

- *FULL DUPLEX CROSS BAND OPERATION*
  Transmit on one band while receiving on the other band -- telephone style.
- *AUTOMATIC BAND EXCHANGE (A.B.X.)*
  When in the ABX function is active, an incoming signal on the sub-band will activate an automatic exchange between the main band and the sub-band.
- *PRIORITY*
  The VFO frequency is monitored for 5 seconds and then shifts for one second to the selected priority channel (In both bands at the same time).
- *DUAL SPLIT SHIFT OPERATION*
  Operates odd offset operation
- *BELL FUNCTION*
- *REPEATER REVERSE FUNCTION*
- *CALL CHANNEL FUNCTION*
- *BEEP FUNCTION*
- *20 MEMORIES (10 FOR EACH BAND)*
  Each memory channel can store frequency, repeater offset, encode/decode frequency.
- *4 SCANNING MODES*
  Program scan, memory scan, band scan and unique open channel scan (opposite to normal busy scan). Scan stops on a busy (or open channel) channel andthen resumes approximately 5 seconds after stopping even if the signal is still present.
- *REPEATER OPERATION*
  The DR-57OT can be used as a cross band repeater.

EASY TO OPERATE FUNCTION

- *LARGE AMBER MULTI-FUNCTION LCD DISPLAY*
  Visible in all conditions, it indicates main and sub-band frequencies, frequency step, "on air", "call", "CTCSS", "PRI", "REV", "-", " + ", "*", " T" (tone), tone frequency, "MUTE", "LOCK", "ABX", "♪", "BUSY", "F", "S/RF meter", "REV"
- *MHz FUNCTION FOR BOTH BANDS*
  One MHz is increased or decreased per touch
- *SELECTABLE DUAL AND SINGLE BAND OPERATIONS*
  One touch selection with pressing of twin key
- *SELECTABLE BAND MODE (MAIN/SUB)*
  One touch selection with pressing of band key
- *ILLUMINATED FRONT PANEL CONTROLS*
- *16-KEY DTMF MICROPHONE*
  With memory channel and frequency change up/down buttons.

ALINCO ELECTRONICS
ALINCO

ALINCO ELECTRONICS INC.
20705 S. WESTERN AVE., SUITE 104
TORRANCE, CALIFORNIA 90501
Tel: (213) 618-8616 • FAX: (213) 618-8758

ON THE COVER

UPDATED REPEATER INDEXES — NC, SC, VA, WV, TN, KY, GA, MS INSIDE!

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ON THE COVER

Our cover picture, a representation of a B-I-G hamfest shows an aerial view of the "Mighty" Shelby (NC) hamfest. Each year on Labor Day weekend, estimates of over 12,000 hams coverge on the Cleveland County Fairgrounds for the event. Campers galore, tents, flea marketeers, dealers and buyers and sellers gather. (Aerial Color Photo ctsy: Everett Hames, WA4TTS)

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REPEATER JOURNAL

SouthEastern Repeater Association, Inc.

Editorial Comment

Nov., Dec., Jan.
Volume 18, No. 4
ORGANIZED IN 1971
"In Our 18th Year"

SERA To Support ARRL Directory. . .

The Board of Directors of SERA has voted unanimously to submit the SERA Repeater Database listings to allow ARRL to print them in the 1990 National Repeater Directory.

SERA had refused to allow ARRL to use the list in their 1989 National Repeater Directory.

The Board emphasized that nothing has changed in their clash with ARRL. No progress was ever made, even after months of negotiations with Headquarters concerning our conflict over "recognition of rightful coordinators" by ARRL.

"We did it — not for ARRL, but for our repeater owners and users," said Ray Adams, a member of the Executive Board. "We feel we owe it to our people, regardless of the outcome in negotiations with ARRL, to see that an accurate portrayal of repeaters in the SERA states will be printed in the new ARRL Repeater Directory."

The Board agreed that we no longer care whether ARRL recognizes SERA or anyone else as an "official coordinator" for any particular area, especially since the FCC has refused to accept the ARRL listing of acknowledged coordinators.

"Actually the ARRL recognition is worthless," Wayne Williams said, "so there is no longer a need to negotiate for something that is of no value to us."

The conflict with ARRL started in late 1988 after the ARRL published a list of "recognized coordinators" in QST. The ARRL Board had issued a statement on proper recognition of coordinators, which was reasonable and seemingly valid. The problem occurred when ARRL did not recognize an area as to the coordinators as per their document, until after the conflict was resolved.

This in the mind of the SERA Board was a blatant misrepresentation of their printed statement, and we were concerned that it could or might happen again, if some pirate coordinating group decided to go into business. Would ARRL again change the rules, or would they stick to their printed statement. They said the statement was clear enough, and was their stand, but they had violated their own statement once already. . . . would they do it again?

After numerous attempts both through SERA territory ARRL Division Directors and between SERA President Carter Cogle and ARRL Headquarters, nothing was ever resolved.

Regardless of the reasons why we could never get ARRL to simply agree to our request will never be known. The SERA Board, mindful of the obligation of service to our repeater owners and users, voted to release our copyrighted lists to the ARRL for the upcoming 1990 ARRL National Repeater Directory.

Repeater owners should check the listings in this issue of the Repeater Journal and see that they are accurate. When the database sheets arrive in late November, owners will have the opportunity to make necessary corrections to assure accuracy for the National Directory for 1990.

We will not release our lists to ARRL until they are completely updated from the database sheets.

The SERA Board wishes to thank the enormous support we have received from everyone in SERA Territory. Your letters, cards and phone calls have been much appreciated. Never have we received so much support for a stand. But now, it is time to work for the betterment of Amateur radio and lay aside conflicts. It is time to show our respect for our faithful owners and users who supported us all the way.

It is in this light, we offer our repeater lists to the ARRL Repeater Directory in 1990.

— The SERA Executive Committee

'Wayne C. Williams, K4MOB
'Carter Cogle, K4ARO
'Ray Adams, N4BAQ

REPEATER JOURNAL

Nov. Dec. 1989
Jan. 1990

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A SERA Associate Membership and the Repeater Journal would make a nice Christmas Gift for a ham friend. Fill out the form on Page 20 with his name and address; send it to us.

About Associate Membership

Repeater users and Amateurs are invited to join SERA as Associate Members. A membership fee of $6.00 per year will enable members to support the organization and receive the "Repeater Journal". Associate Membership deadlines are on the 15th of the month preceding months of publication — Jan. 15, April 15, July 15 and October 15. Persons joining or renewing their membership must have their application into the Winston-Salem Post Office Box by these deadlines to receive the next upcoming Repeater Journal in February, May, August and November. Memberships received after any deadline will not receive next to be published Journal, but instead will receive the forthcoming issue the following quarter. HOT-P Associate Memberships are limited to one year duration at $10.50 per year. HOT-P, your Journal is mailed on Friday FIRST CLASS mail. Regular memberships are mailed on MONDAY, Third Class Bulk. SERA does not issue receipts for Membership applications. Members should wait until next Journal comes out to report any problems to the Associate Membership Chairman, P.O. Box 215, Tobaccoville, N.C. 27050-0215. Associate Members may hold appointive positions within SERA.

About Full Repeater Membership. . .

Officers and Directors are elected from repeater representatives who are Full Members. Any repeater owner or club may join SERA as a Full Member if they have an operable repeater on the air. Full Membership application, coordination information (if not on file) and $15.00 should be submitted for the annual Full Membership fee. Two Full Members receive the Journal from each application. The Full Member repeater is also appropriately recognized as a SERA supporter in the repeater index. Full Memberships all expire on December 31 of each calendar year.

About the Repeater Journal. . .

The SERA REPEATER JOURNAL is published quarterly, during the months of February, May, August and November of each year and mailed free to members of Southeastern Repeater Association, a seven state repeater coordinating organization made up of repeater owners and users. Permission is granted for use of material contained in the REPEATER JOURNAL provided proper credit is given. The REPEATER JOURNAL Editor will swap newsletters with other Repeater Councils and News organizations upon written request. DEADLINES: Ad space reservations are the 20th of the month, and ad copy due the 1st of the next month. ONE MONTH prior to publication. News deadlines are the first of the month prior to publication month. The REPEATER JOURNAL is entered as Third Class Mail at the Post Office in Greensboro, N.C. Cover price for the REPEATER JOURNAL is $2.50. All news and Newsletter exchanges should be mailed to the editor: Wayne C. Williams, K4MOB, 600 Lakedale Road, Colfax, N.C. 27235.

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(919) 832-8733

FCC LIASON CHAIRMAN
Rose Bond, FCC
1365 Peachtree St., NE, Rm. 404
Atlanta, Ga. 30309
(404) 881-2631

The Southeastern Repeater Association, Inc. is one of the largest, well known, and most respected non-profit Repeater Coordination Councils in the United States. SERA territory covers over 1,300 repeaters in member States of North Carolina, South Carolina, Virginia, Tennessee, West Virginia, Kentucky, Georgia and Mississippi. In our 19th year, our goal continues to serve the repeater owners and users of our area, and provide a pleasant operating condition in the VHF/UHF spectrum of Amateur Radio through Coordination and Communication.

Cogle, Wofford, Adams & Gregory Re-Nominated

— by Wayne C. Williams, K4MOB
Chairman Nominating Committee

The Nominating Committee assigned the task of Nominating new Officers for SERA had an easy task this year. They decided to re-nominate all four existing officers to another 2-year term.

The Committee made up of Wayne C. Williams, K4MOB, chairman; Wally Burkette, WA4KXV and Terry Estes, WB4ASZ after consultation announced their decision.

Each officer has been asked and has said they would serve another term if elected. Present SERA Officers, whose terms expire December 31, 1989, are nominated for another 2-year term (1990 and 1991). They are Carter Cogle, K4ARO, President of Petersburg, Va., Nita Wofford, N4DON, Vice-President of Memphis, Tn., Ray Adams, N4BAQ of Knoxville, Tn., and Barbarra Gregory, WA4RMC, Secretary, of Chattanooga, Tn.

Williams in preparing the Nomination said that he felt the existing officers have done an outstanding job leading SERA over the past 2 years. He said many controversial items have come up recently, and the Officers maintained their leadership and moved the organization into smooth sailing and over the humps we have experienced.

"I have served as part of the Executive Committee with Cogle and Adams," Williams said, "And we have had some very tough split second decisions to make over the past couple of years, and Adams and Cogle were right there, ready to go the extra mile for what was best for SERA."

"Dedication like this is what SERA desperately needs," Williams added, "And Carter, Nita, Ray and Barbarra have given us the dedicated leadership we need." "They have instilled complete faith and trust to members of our Board." "They need to continue the job."

Nominations From The Floor

Any SERA Full Member wishing to place a nomination for any or all officers may do so by filling out the "Floor Nomination form" appropriately, and mailing it by the deadline to the Secretary of SERA. The form is printed in this issue of the Journal for your convenience.

The nomination form may be filled out by any SERA Full Member and the signatures of three additional Full Members for additional nominations to any SERA office of President, Vice-President, Secretary, or Treasurer.

The Nominating form shall be mailed to the SERA Secretary to arrive no later than noon November 30, 1989.

SERA By-Laws: SECTION 24 - ELECTIONS (Pgh. 6)

6. The Executive Committee shall delete the name of any Candidate who may be ineligible for election, and the name of any who may withdraw by written communication.

(a) No full member may be permitted to participate in the election process in any manner including but not limited to nominating a candidate or casting a ballot if the full member operates an uncoordinated or a decoordinated repeater as defined in our coordination policies and guidelines, nor shall that person be eligible for any office either elected or appointed within SERA.

(b) No full member shall be permitted to participate in the election process in any manner including but not limited to nominating a candidate or casting a ballot if the full member serves in an elected or appointed position within any other coordinating entity, nor shall that person be eligible for any office, either elected or apoointed within SERA.

The Election Process

If there are no additional nominees for any office, the Executive Committee shall declare the nominees elected without balloting.

If valid nominations "from the floor" are received by the Secretary, prior to the November 30th deadline, the Secretary, no later than December 4th will send by mail to every eligible Repeater Representative (Full Member) on record as listed in the February 1989 Repeater Journal, a ballot listing the candidates, and a return envelope, soliciting a vote for one name for each position listed.

According to the By-Laws, a Full Member can cast only one vote, and may only vote if he is a member in good standing as reflected in the February 1989 Repeater Journal.

After the balloting, a committee of tellers, appointed by the Executive Committee, comprised of three Repeater Representatives, will certify the results of the balloting.

Ballots must be postmarked no later than December 14, with no outer envelopes marked as containing ballots nor opened until the tellers meet.

Ballots are to be counted between Decemer 20th and the 22nd, with the tellers present. The group will prepare and sign in the name of the Executive Committee a report of the results of the vote, declaring duly elected, the candidate in each area receiving the greatest number of votes. The report is turned over to the secretary, who will notify the newly elected officers.

The terms for the officers will begin January 1, 1990 and expire on December 31, 1991.

SERA OFFICER NOMINATION FORM

To SERA Secretary:

The below named person(s) are nominated to office(s) listed below. The persons nominated have been contacted and through their acceptance letter (enclosed) will serve if elected. The nominee is a FULL MEMBER, qualifying under the bylaws of SERA to hold office. It is understood that this nomination from the floor, signed by myself and three other eligible full members will be added to the nominating committee's list of nominees. If this "from the floor" nomination is the only one submitted for this office, that person shall be elected to the office. If this "from the floor" nomination is in addition to person(s) for the same office nominated by the nominating committee, an election will be held by written ballots mailed to every full member of appropriate SERA District(s).

Office person is nominated for ______________________________
(President — Vice President — Secretary or Treasurer)

If more than one nominee, use xeroxed copy or simular sheet of paper.

Name of nominee ______________________ **Call** ____________

Address ______________________________ **Phone** ____________

Is A representative of ______________________ **repeater (a full member)**
(Call-City-Freq)

Person has been contacted and has agreed to serve to best of his ability if elected to the office nominated ( ) Yes

Include brief Biographical sketch of nominee and his achievements in Amateur Radio and /or CVRA-SERA. (Use separate sheet of paper)

This nomination certified by me ______________________ **Call** ________

member of repeater ____________________, **a full member of CVRA-SERA.**

Three other full members:

____________________ **call** __________ **repeater** __________

____________________ **call** __________ **repeater** __________

____________________ **call** __________ **repeater** __________

Other full members must sign their signature personally.

Mail this form with attached required documentation to:
BARBARRA GREGORY, SERA Secretary, 8619 Smokerise Lane, Chattanooga, Tn. 37421.
(This mailing must be Postmarked no later than November 30.)

GREENSBOR

Get Ready For The
9th Annual
GREATER GREENSBORO HAMFEST

DATE: November 25 & 26, 1989
HOURS: Sat. 9:00 A.M. - 5:00 P.M. & Sun. 9:00 - 3:00
LOCATION: Franklin Blvd. National Guard Armory
PRIZES: 1st $900, 2nd $450, 3rd $150, 4th - 6th $50
Pre. Reg.: $350
★: Many Other Valuable Prizes To Be Given Hourly
TICKETS: $4.00 Advance - $5.00 At The Gate
FLEA MARKET: Price Of Ticket & $2.00 (Outside)
INSIDE: Price Of Ticket & $12.00 (per 6′ table)
TAILGATERS: Price Of Ticket & $2.00
LADIES: Our Xmas Craft Vendors Will Be Back Again!
SHOPPING: Shuttle Bus Service will be provided to the Four Seasons Town Centre Shopping Mall! There will be a special drawing for the ladies that attend this outing. Saturday Only!
FCC EXAMS: Will be given Saturday by Pre-Registration Only!
FORUMS: ARRL - PTDUG - Blue Ridge Digital & Video Society
TALK IN: 146.760(-.600), 145.250(-.600), 146.520(S)

INFORMATION — REGISTRATION —TICKETS
GREATER GREENSBORO HAMFEST
P.O. BOX 8252
GREENSBORO, N.C. 27419-0252

PHONE:(919) 292-6565

Send In Your Advance Registration Now and Save $1.00 per ticket. Your Tickets Will be held at the gate for you to pick up upon arrival Saturday morning. SAVE $1.00 and be eligible for Pre-Registration Drawing. SEND IN THE COUPON WITH YOUR CHECK TODAY!!

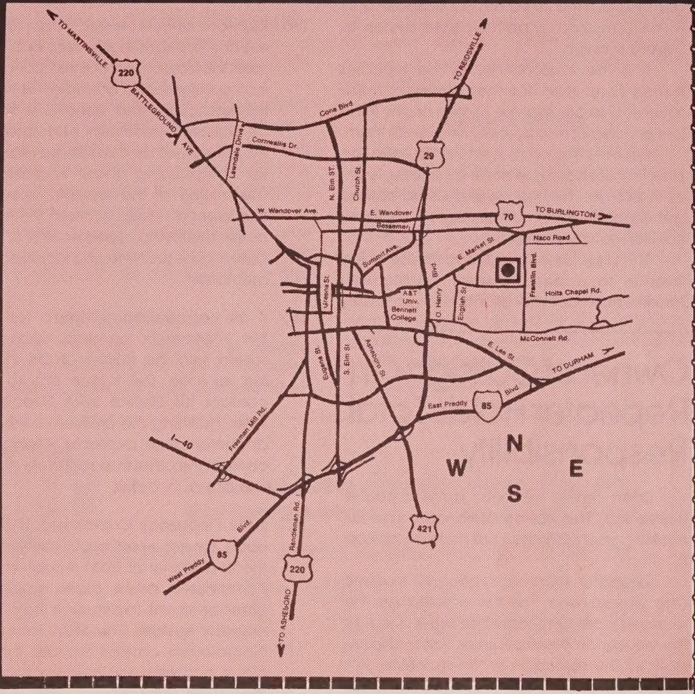
O HAMFEST

ARRL APPROVED HAMFEST

●FCC EXAMS will be given Saturday by Pre-Reg. Only! Send completed 610 & photocopy of current license. Also specify which elements you will be taking. Make check or money order for $4.75 and send to:

TEARC/VEC
Jim Williamson NQ4T
3504 Stonehurst Place
High Point, N.C. 27260
Phone: 919-841-7576

CUTOFF DATE IS NOV. 20th


TO MARTINSVILLE
220
BATTLEGROUND AVE
Lawndale Drive
Cone Blvd
Cornwallis Dr
TO REIDSVILLE
29
N. Elm ST.
Church St.
W. Wendover Ave.
E. Wendover
Bessemer
70
TO BURLINGTON
Naco Road
E. Market St.
Summit Ave.
Franklin Blvd.
Holts Chapel Rd.
A&T Univ.
Bennett College
O. Henry Blvd
English St
McConnell Rd.
E. Lee St.
TO DURHAM
East Preddy Blvd
85
Eugene St
S. Elm St
Asheboro St
Freeman Mill Rd.
I—40
N
W
E
S
421
West Preddy Blvd
85
Randleman Rd.
220
TO ASHEBORO

Please Pre-Register me for the Greensboro Hamfest, November 25-26, 1989.
Enclosed is my check for:

____ ☐ **Hamfest Tickets @ $4.00 ea** .... $ ________
____ ☐ **Flea Market Tables @ $12.00 ea. (2 Days)** ..... $ ________
____ ☐ **Outside Flea Market Space** (Unlimited) **$2.00** ...... $ ________

Will your XYL or YL be attending our ladies day out? ☐YES ☐NO. Total .... $ ________

Monies must be received in Greensboro no later than November 20, 1989
Make all checks payable to the Greater Greensboro Ham-Fest.
Send form to: GGHamfest, P.O. Box 8252, Greensboro, N.C. 27419-0252

Please Send S.A.S.E. - TNX

NAME ________________________ *CALL* ____________

ADDRESS ____________________________________

CITY ________________ *STATE* ________ *ZIP* ________

SERA Will Not Handle Your Interference Unless. . . . . .

There are still a lot of repeater owners which experience any type of interference and immediately call their coordinator and ask him to solve the situation.

This is not the way things work. SERA is the recognized coordinator for the 8 states, but it is not the FCC, and does not have FCC power of enforcement.

According to the SERA Coordination policy (which every repeater owner should have), SERA will come in as a neutral observer only when requested by both repeater owners to solve a problem.

It is the responsibility of the repeater trustee (who ever has their callsign on the repeater) to contact the trustee of any interfering repeater and try to work it out with them.

On-the-air is no place to try to solve the problem. It should be done by phone, letter, or in person. The trustees should be able to get together and mutually agree on some solution to any problem.

The Director will be glad to advise which avenue to approach when dealing with interference, but the ultimate responsibility rests with the trustee of the repeater to make every effort to solve the problem.

Excerpts from the SERA Coordination Policy & Guidelines:

Policy 19 — Interference Review Procedures

A policy of repeater interference review and arbitration procedures have been approved by SERA which provide equal fairness to all parties concerned.

(A) Repeater owners receiving harmful interference from another system or its operators should document times, conditions and callsigns, and describe the type of interference. (Band conditions should be observed in all cases. Abnormal conditions will not be considered reason for complaining about interference.) The trustee of the repeater receiving interference should contact the trustee of the interfering repeater with a letter, outlining the problem and include documentation.

(B) If all negotiation attempts fail and the interference problem cannot be solved with the trustee of the interfering repeater, the trustee should then contact his District SERA Director by letter, outlining the problem and other documentation available. Attempts to contact the other trustee should also be explained in detail.

(C) If the Frequency Coordinator is called upon, he will need a complete documented history of both repeaters, their coordinated status, dates, times and other pertinent information from both repeater trustees. The SERA Frequency Coordinator cannot handle the job alone and will need cooperation from individuals involved.

Owner of Callsign On Repeater Holds Total Responsibility

Often times, we hear some repeater trustee say, "The repeater belongs to xxxx, he is taking care of things, I just have my call on it."

Repeater owners, especially trustees (the person who has the callsign on the repeater), are reminded that the callsign of the person on the repeater is solely responsible for the operation of the machine. This includes quality of transmission, any spurious radiation, overdeviation or any other thing that may be wrong with the machine which is classified as illegal by the FCC. Repeater control responsibility also is placed on the trustee.

The owner of the callsign on the repeater is also responsible for what is broadcast over the repeater by other persons, legal or otherwise. He is held accountable for any interference that the repeater may cause, if the time ever occurs that the repeater is faulted with interfering with other Amateur repeaters or operations.

Lending your call to a club to put on their repeater just for convenience is putting you in the driver's seat. You are responsible, not the club. Your call on the repeater makes you the official trustee, and the trustee is responsible for operation of the repeater.

Anyone having their callsign on a distant repeater, even if they live in a nearby city and cannot even work the repeater, is still totally responsible for its operation.

SPECIAL NOTE!

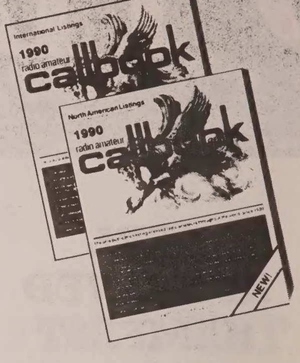
SERA Address Has Changed!

Members are reminded that the SERA address has changed, effective immediately. All Associate Membership, Full Membership and Advertising information should be mailed to the new address:

SERA
P.O. BOX 215
TOBACCOVILLE, NC 27050-0215

Please note that David Ward, KA4LVO and Sharon have a new phone number. David handles all Membership information and Sharon all Repeater Journal advertising. Their new number is: (919) 983-0879. For your convenience, a recorder is connected to the phone for 24-hour service. If you cannot get them "live" leave a message and your number, and they'll get back to you ASAP.

1990 CALLBOOKS



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SERA Welcomes Kentucky and Mississippi

— by Wayne C. Williams, K4MOB
Editor, The Repeater Journal

Western Kentucky now joins Eastern Kentucky as an autonomous State District in SERA and Mississippi becomes the SERA 8th State.

The SERA Board of Directors in August voted unanimously to allow the new territories into the organization.

The Eastern Kentucky District now becomes the Kentucky District, and the Mississippi District has been added to the SERA umbrella of coordination.

SERA coordination now covers 328,481 square miles in the Southeastern part of the United States, with over 1,300 repeaters.

Kentucky District

Larry Malone of Hodgenville worked with Terry Estes, the current Eastern Kentucky District, contacting and polling all Kentucky repeater owners on the prospect of joining SERA as a full state. The majority of the owners voted in the affirmative and the official District forming request was presented to the SERA board in July for the August vote.

At the present time, Terry Estes, WB4ASZ will continue as Director for the newly expanded District, handling coordination in the Eastern portion of the State. Larry Malone will fill in as Vice-Director and handle coordination in the Western portion of the State.

There are approximately 120 repeaters on all bands in the entire State of Kentucky. Database sheets will be mailed to all known repeater owners in late November, asking for additional information to accurately get a census of Kentucky repeaters.

An election for Director and Vice-Director of Kentucky will occur sometime in 1990 from among SERA Full Member repeaters in that State.

Mississippi District

Steven Grantham, N5DWU, of Ellisville, former Mississippi coordinator initiated the move toward SERA last year. After polling all known repeater owners and an affirmative vote from the majority, Mississippi was placed on the agenda of SERA to vote for entrance as the 8th SERA District in July for the August Board vote.

Steven will continue as coordinator for the Mississippi District for the time being, until elections can be held among Full Member SERA repeaters to elect a Director and Vice-Director sometime in 1990. Grantham now holds the title SERA District Director.

Mississippi has approximately 61 repeaters on all bands on the air. Like Kentucky, SERA will send out database sheets to all known repeater owners to get the state census of repeaters updated as accurately as possible.

Welcome In Folks!

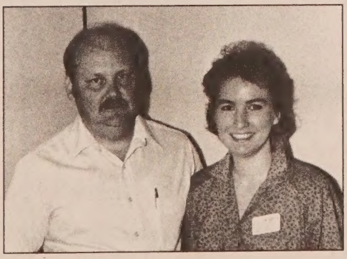
The Repeater Journal staff speaking for the entire SERA Board, all the Officers, Directors and Appointees extend a warm welcome to Kentucky and Mississippi. We are very proud to have you join our organization. We will be looking forward to working with you in the future.

The Repeater Journal is your voice and communications vehicle to your neighbors and friends. Your stories, pictures and features will be always welcome.

Again, welcome to SERA!

New Directors Congratulated

Carter Cogle, K4ARO, President of SERA welcomes the new Directors of the two newly formed Districts in SERA. Above, Cogle shakes the hand of Terry Estes, WB4ASZ, Director of Kentucky. Terry, formerly Director of East Kentucky District, takes over the newly expanded District covering the entire State. Below, Carter welcomes Steve Grantham, N5DWU, as the Director of Mississippi, SERA's new 8th State. Steve, working alone as coordinator for Mississippi, was instrumental in getting repeater owners in that State to join SERA. (photos ctsy: Johnny Wofford)

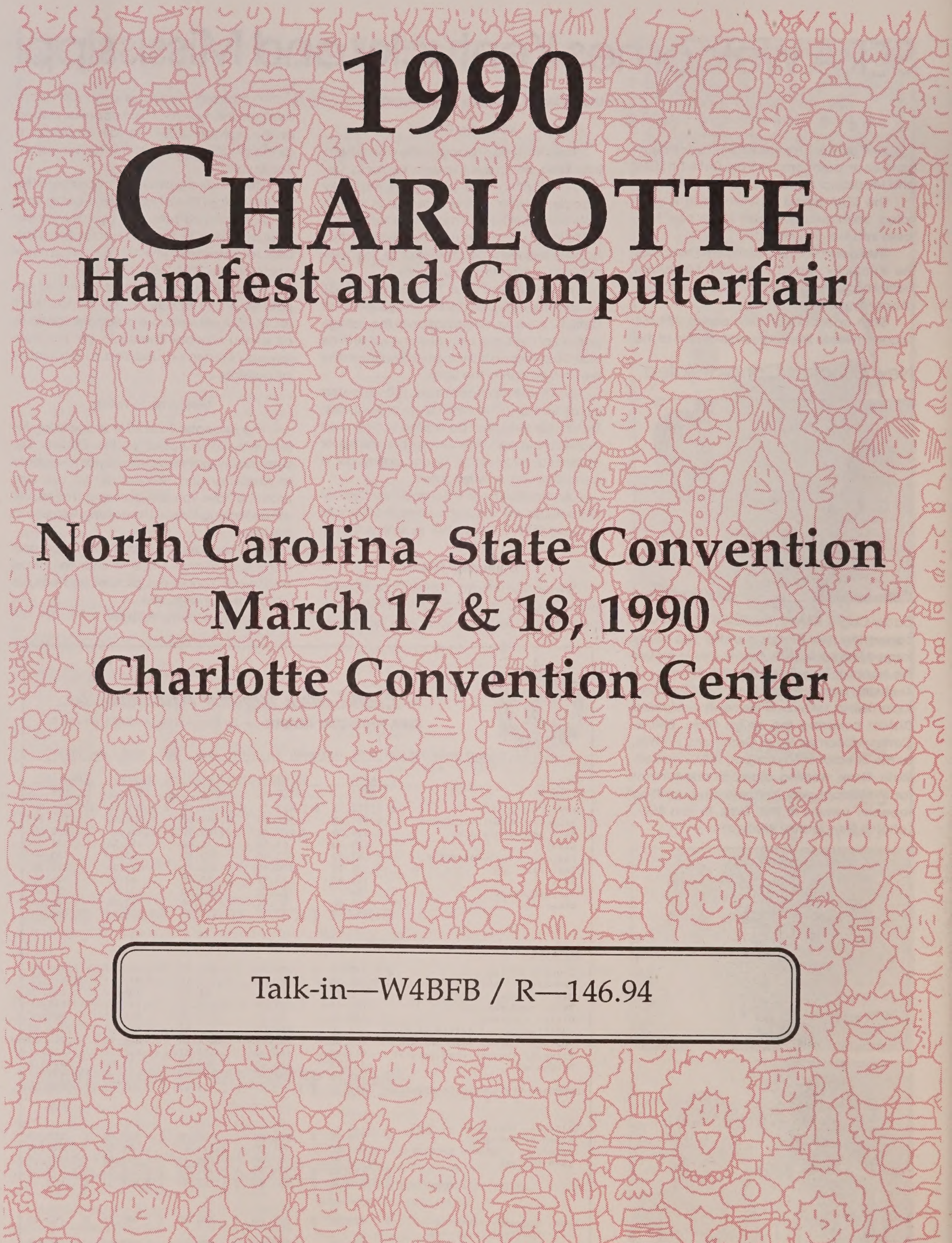


SouthEastern Repeater Association, Inc.

SERA FINANCIAL REPORT *— by Ray Adams, N4BAQ, Treasurer*

FINANCIAL REPORT FROM JANUARY 1 TO SEPTEMBER 30, 1985, 1986, 1987, 1988, AND 1989

Dues	$4/$8	$5/$10	$6/$15	$6/$15	$6/$15
REVENUES	1985	1986	1987	1988	1989
Advertising	$ 5,222.35	$ 5,827.75	$ 3,671.50	$ 5,792.00	$ 7,084.00
Associate membership dues	8,791.63	9,548.00	8,983.00	9,729.50	8,507.25
Full membership dues	2,516.50	2,488.75	2,789.50	3,394.00	3,882.50
Decals	224.50	63.50	16.00	116.50	31.00
Postage - includes HOT-P	87.00	205.50	202.50	103.50	135.00
Interest	24.29	190.66	306.31	425.97	216.55
Hats	101.50	123.37	33.00	47.50	-0-
Contributions	-0-	182.00	102.00	-0-	336.40
Other	23.00	83.64	14.00	12.00	100.00
	$16,990.77	$18,713.17	$16,117.81	$19,620.97	$20,292.70
EXPENSES					
Journal mailing	$ 1,588.25	$ 2,509.74	$ 1,930.57	$ 2,061.44	$ 2,363.18
Journal printing	11,436.56	9,427.53	12,273.44	12,012.71	15,511.23
Miscellaneous	578.78	-0-	69.95	100.00	115.75
Travel and meetings	768.68	1,428.90	2,051.22	1,241.72	1,856.42
Office expenses	234.30	31.35	171.10	208.65	386.47
Amortization of Office machines	448.00	448.00	875.63	862.24	1,125.90
Postage - other than journal	419.00	321.44	336.48	898.79	1,368.26
Printing - other than journal	987.99	168.32	571.62	494.76	418.41
Telephone	275.47	465.62	349.67	732.04	426.12
	$16,737.03	$14,800.90	$18,629.68	$18,612.35	$23,571.74
REVENUES OVER (UNDER) EXPENSES	$ 253.74	$ 3,912.27	($ 2,511.87)	$ 1,008.62	($ 3,279.04)
Balances, Beginning of year					
Expenses advanced	$ 900.00	$ 950.00	$ 900.00	$ 900.00	$ 900.00
Invested in office machines	1,344.00	896.00	2,571.63	1,696.00	3,026.00
Cash in bank	1,413.04	2,107.05	5,690.15	7,252.05	5,393.35
	$ 3,657.04	$ 3,953.05	$ 9,161.78	$ 9,848.05	$ 9,319.35
EQUITY TO ACCOUNT FOR	$ 3,910.78	$ 7,865.32	$ 6,649.91	$10,856.67	$ 6,040.31
Less: Expenses advanced	$ 900.00	$ 900.00	$ 900.00	$ 900.00	$ 900.00
Invested in office machines	896.00	448.00	1,696.00	3,026.00	3,203.60
	$ 1,796.00	$ 1,348.00	$ 2,596.00	$ 3,926.00	$ 4,103.60



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Reservations must be in by February 26, 1990.
If you must be next to someone, send both requests in on one envelope.

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The 1990 Charlotte Hamfest and Computerfair will offer FCC license exams only on Sunday, March 18 at 9:30 a.m. (please, no walk-ins). To register for an exam, send a completed 610 form along with any copies of your license or certificates and include a check for $4.50 made out to:
Charlotte VEC Mail to:
Charlotte VEC, 227 Bennett Ln., Charlotte, NC 28213

All Major Manufacturers Represented

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Doors open for those with Swap-Fest tables at 7:00 am Saturday and 8:00 am Sunday for loading. Doors are open for general admission at 9:00 am both days.
Saturday hours are 9:00 am to 5:00 pm. Sunday hours are 9:00 to 2:00 pm

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Use this handy form for pre-registration tickets. If we receive your request after Feb. 26, 1990 or if you have not included a S.A.S.E. we will hold your tickets at the door.

1990 Hamfest and Computerfair

I would like ________ Hamfest tickets @ $5.00 each ________
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Address ______________________ Phone __________
City ______________________ St ______ ZIP __________

Send check with S.A.S.E to : Charlotte Hamfest, PO Box 22136, Charlotte, NC 28222-1136

What About NO-CODE?

— by Ray Adams N4BAQ

I've heard the FCC officials in Washington say more than once that a no-code amateur license would never have a chance of getting off the ground until and unless it is supported by the ARRL. I'm sure most of you know that the ARRL Board of Directors recently supported the idea of filing a petition for rulemaking to create a codeless amateur license.

In my opinion, that is the hurdle that will cause it to become a reality. If that be so, there is no point belaboring the desirability or undesirability of the condition. Let us therefore concentrate on how it can be made to the betterment of Amateur Radio. If it is to be, then it is to be regardless of what we say or do, however carefully worded comments on the notice of proposed rulemaking when released by the FCC can certainly affect the Report and Order by which the rules are eventually changed, as evidenced by the number of times (six, more than any other individual) my name is mentioned in the discussion that is part of the report and order rewriting Part §97. I fully intend to file comments on the no code situation, and would appreciate your opinions as to what privileges the licensee should have and how the test should be compiled as well as administered.

I believe I am one of the few amateurs in the nation that will take the time to write a meaningfully articulate comment that does not have an axe to grind. I am not supported by any membership that I would want to see increased. I do not sell study guides, magazines, newsletters, equipment, antennas or other material related to the hobby. My only compensation is the satisfaction of speaking my mind, and occasionally seeing a related improvement of the fraternity called Amateur Radio.

The League's position will be set out in the petition for rulemaking they will cause to be filed, but that document does not dictate to the FCC what the rules will actually say when the report and order comes out. For instance, no one outside Washington to my knowledge even thought seriously of dividing Element 3 (Technician/General class written test) into an Element 3a (Technician class written test) and an Element 3b (General class written test) until the Report and Order known as Novice Enhancement hit the street.

I understood that to have been the result of recommendations from Gordon West WB6NOA. Few people thought of destroying the various areas of authority so far as a VEC is concerned and allowing all 18 of them to operate anywhere until the Report and Order of the rewrite of Part §97 was disclosed to public domain. Those items both came by way of comments from the public on the Notice of Proposed Rule Making. I'm given credit for the later one in the discussion of the issues in the Report and Order itself, so we know there are times when someone does in fact read what we have to write.

Now is the time to organize our thinking and be ready for the inevitable changes that loom on the horizon. During the recent fifth annual conference of Volunteer Examiner Coordinators (VEC's) in Gettysburg, Pennsylvania it was fairly well accepted that no-code is inevitable. The only remaining questions are when and how. When does it get here and what form does it take?

Six years ago amateur radio was shuddering at the very thought of licenses actually being issued pursuant to tests administered by amateurs themselves. The woods were full of theories as to how the "good old buddy system" would take full control, resulting in licensing not as a result of what you know, but who you know. I think we are all proud of the fact that didn't happen. Did you ever stop to think why that didn't happen? It didn't happen because those staid civil service employees of the Federal Communications Commission, resting on their laurels up there in Washington proved to be too smart to let it happen! They sorted through the piles of material heaped upon them and collated for the commission's formal action a scenario of Volunteer Examiners that, although it is not without problems, is better than the FCC themselves could ever cause to happen using a paid staff, and at absolutely no cost to the Government at any level.

Thus we see it is not even dependent upon the continuing appropriations of Congress for continuity. I therefore suspect it to be here for the duration.

Can we do the same with a no-code license? I well remember the gnashing of teeth at the very thought of giving a novice voice privileges. Just think of the hordes of operators that would immediately clog beyond any possible constructive use those sub-bands for which they were authorized, then spill over onto unauthorized frequencies. More than two years into it, and we now see some additional activity on ten meters. Check those operators out folks, they are mostly Technician (they picked up HF phone privileges as a side effect, remember) and higher class operators. Two by Twos and even Two by Ones, and yes even One by Twos are quite common in the novice portion of ten meters, as well. So the lingo of some of the operators there is somewhat different than the veteran ham of the forties, what harm are they doing? At least part of ten meters is now being used.

I was one of the less than half-dozen East Tennessee amateurs that originated occupancy of the 220 Mhz band in the area when, as President of the Radio Amateur Club of Knoxville, I put a "store bought" repeater on the band and came by my own equipment, fixed, mobile, and portable in 1983. We've picked up a couple of novice operators there due to Novice Enhancement, but the band is still under-utilized to the point that I have never, even yet, made a useful transmission on any frequency below 222 Mhz! That includes remote control of the repeater system I installed!

I honestly can't see what all the fuss is about on the reallocation of those two megs. SouthEastern Repeater Association, Inc. which I am privileged to serve as Treasurer adopted a revised band plan for the 222 Mhz band on August 14, 1988 and even had a 100 Kc space labelled "buffer area" for lack of anything else for which to use it. I understand another repeater frequency coordinating organization adopted a similar plan, then refused to release their minutes because they were publicly insisting they couldn't possibly survive without the full 220-225 Mhz! The only reason I know about it is that I faxed it to them the night before their meeting!

I likewise don't think there is room for alarm where no-code is considered. Of course we can handle it — and any other challenge that comes our way. I know for a fact the FCC considers Amateur Radio to be a natural resource, which is not to be destroyed or even expended lightly, but instead is to be cultivated for the mutual benefit of all throughout posterity. The capital question therefore is very simple —

What Is Best For Amateur Radio?

Questions I would like answered from each of you include:

1. On what frequencies should the codeless licensee be permitted to operate?
2. What modes should the codeless licensee be authorized?
3. Should the codeless licensee be authorized to be the control operator or trustee of a repeater?
4. Should the codeless licensee be authorized to be the control operator or trustee of a digipeater?
5. Should the codeless license be issued to an applicant when he passes the present Element 2 (Novice) and Element 3a (Technician) tests?
    - (A) As is?
    - (B) With certain additions to make the test more representative of the privileges to be awarded by the license?
    - (C) With certain deletions to represent a paralleling reduction in standards in the written test to match the obvious reduction in standards as expressed in the near total absence of a code requirement?
        - (1) Should element credit for part of the requirement of the codeless license be permitted?
        - (2) Should the applicant be required to pass all requirements of the codeless license at the same session?
    - (D) Should convenience to the Examiners (VEC's included if they are to coordinate the tests in question) be of significant consideration in the configuration of the system?
6. Should the codeless license be administered by the VEC system?
    - (A) Complete with examination fee?
    - (B) With a decreased examination fee?
    - (C) With an increased examination fee?
    - (D) Without an examination fee?

Continued on Next Page

Continued from Previous Page

7. Should the codeless license be administered by General class (or higher, of course) examiners?

8. Should credit for Element 1a (5 WPM code) be the only requirement for upgrading the codeless license to Technician?

9. Should this credit be acceptable from two examiners outside the VEC system?
   (A) Possibly from two examiners inside the VEC system?
10. Should a two man examiner team be created inside the VEC system?
    (A) Should this team include General Class licensees?
    (B) Should this (or a three man team) be the only authorized administrators of a Novice license test?
        (1) If so, specifically what should be the other alternatives, including methods to keep those who insist on "testing the system" from enlisting continuing help from those whose conduct should not permit continued maintenance of accreditation within the VEC system?
11. Should the present Novice testing program be disturbed?
    (A) Should the Novice testing program be moved inside the VEC system?
        (1) Complete with examination fee?
        (2) With a decreased examination fee?
        (3) With an increased examination fee?
        (4) Without an examination fee?
            (a) Should the fee apply to all applicants?
            (b) Should the fee apply to successful applicants only?
    (B) Should it continue as a two-person examiner team?
        (1) Outside the VEC system?
        (2) Inside the VEC system?
    (2) Should it continue to include General class licensees
12. If anything is moved into the VEC system without an examination fee attached, should the otherwise "regular" examination fees be increased to compensate for the efforts to be expended and costs to be incurred that will not pay their own way? (Some interpretations of the Communications Act, as presently amended, deny the authority to charge for a Novice test.)

I am not about to promise that I will reflect your individual thinking in any comments I might write, but I certainly will not include any of my own thinking that is obviously at right angles to the majority of the amateur population. Let's forget about the advisability of the NO-CODE license, as it appears that decision has already been made by the amateur population — and yes, there is a silent majority out there — and instead concentrate on the conditions under which it will be of greatest benefit to amateur radio.

Personal desires are not includable except to the extent that they enhance the entire service, or at least fail to impede progress in any material manner.

What kind of time frame are we operating into? I don't know that anyone has gone far enough to draft a calendar, but the attendees at Gettysburg (hams that is — the FCC brass, although there in droves, didn't comment on that to my knowledge) seemed to think the fall of 1990 or the following winter is about the earliest it can be in operation, so we have enough time for an orderly process to develop. I have no intention of writing comments as "Point Man" for a small VEC, as Chairman of the Question Pool Committee, or as Treasurer and a member of the Executive Committee of America's largest repeater coordinating organization. I intend to do it as an interested ham, hoping to help cause the inevitable to be beneficial to all of us. With your help, I'm sure it will.

Replies to callbook address would be appreciated, or see page 2 —any Repeater Journal. If you prefer the electronic medium — MCI 390-4185 or COMPUSERVE ID 74017, 741.

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Windload	2.44 sq. ft.
Turn Radius	15 ft., 5 in.
Weight	10 lbs.

2M-22C

Bandwidth	144—148 MHz
Gain	13 dBbc
VSWR	better than 1.5:1
F/B	20 dB min.
Element Length	41″ max.
Boom Length	19 ft., 1 in.
Windload	1.85 sq. ft.
Turn Radius	13 ft.
Weight	11 lbs.

2M-11X

Bandwidth	144—148 MHz
Gain	12.5 dBd
VSWR	1.2:1
F/B	20 dB min.
Element Length	40-5/8″ max.
Boom Length	15 ft., 4 in.
Windload	1.38 sq. ft.
Turn Radius	15 ft., 4 in.
Weight	5.5 lbs.

435-40CX

Bandwidth	410—450 MHz
Gain	15.2 dBc
VSWR	1.5:1
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Boom Length	175.5 in.
Windload	1.16 sq. ft.
Turn Radius	105 in.
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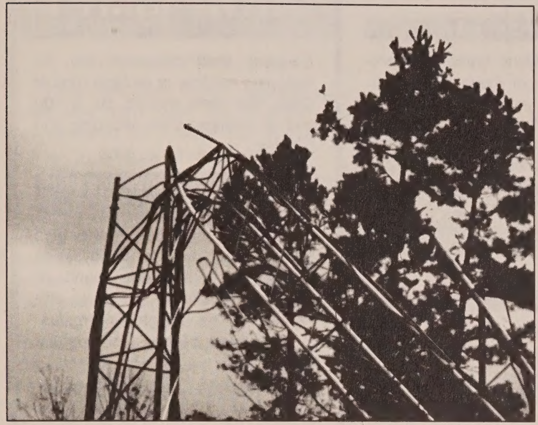

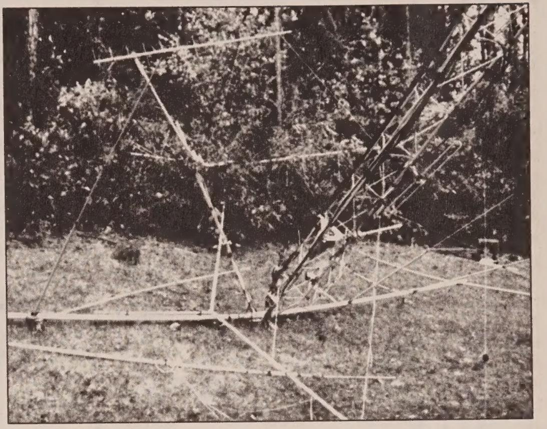

A mighty blast of wind from Hurricane Hugo in September reminded Jerry Malin, WB4LEI of Charlotte, NC what damaging winds can do to towers and antennas. The Charlotte area was hit quite hard from Hugo as the storm moved inland. Jerry lost his tower. Failure of a guy wire, caused the assembly to break at about the 20-foot level and come down. At the right, the ground smashed the antennas as the top of the tower made contact. (photos ctsy: Jerry Malin, WB4LEI)

"The View From The Peak"

— by George Hinds, N8CIX

OF "LIDS, KIDS, AND SPACE CADETS. . ."

There is a long history of experience in the development of channelized FM communications based on the technical parameters of the equipment used. Almost as long in development is band planning for channel use, so as to attain maximum use with minimum interference to users. The ARRL band plan did not arise from pipe dreams or the exercise of individual rights, it arose from the experience of the public safety and commercial users of VHF-UHF in band-planning so as to permit those agencies to operate efficiently within equipment limitations. That experience was brought into amateur radio by the first hams to work 2-meter FM: most were radio technicians for public safety and utilities — they brought surplus VHF hi-band rigs over into amateur radio and began amateur 2M FM.

One lesson they had learned was interference from adjacent-channel operation; bandwidth limited the closeness of channel spacing. Improved equipment changed channel spacing: at first 60 kHz spacing was essential; as rigs improved, 30 kHz separation became possible; as the demand for spectrum increased, closer spacing (15 kHz) was adopted but still with distance spearation between users required. As most FM'ers know, you still cannot put 15 kHz spaced repeaters within 60 or 70 miles of each other without some interference to either the repeater or its users. Much of the gear we use today simply cannot operate interference-free in such conditions. And it certainly cannot operate interference-free with a mere 10 kHz channel spacing when the transmitted signals are deviating at 5 kHz either side of center!

Given the need to understand why we have devised and now follow a band plan, perhaps questions should be included in VE testing on channelized operation, the reason for band plans, how to avoid being the source of potential interference to others, etc. Obviously, a good many hams don't know from whence we came insofar as how this FM mode developed and is in accepted use today.

For instance, of late one Pikes Peak area repeater has been bothered from time to time with noisy, mostly unreadable signals on the repeater input but not from its regular users. It turned out a small group of folks at Longmont had decided that no one was using a particular frequency, so why not make it their very own private simplex channel? Why not? Well, if they had checked the repeater directory, they would quickly have noted their choice was, in fact, a repeater input! It would have shown them that simplex operation in that segment of the 2M subband was inconsistent with accepted band operations. With 25 2M simplex channels available, 17 of which are simplex-only, why would an otherwise intelligent person choose to operate simplex on repeater inputs? Why toss years of experience out the window and operate contrary to time-proven guidelines?

We pride ourselves as responsible amateurs able to police our operations through self-discipline. But obviously not everyone accepts responsibility — and therein lies the basis for the title of this story — for back in 8-Land we termed operators guilty of such sloppy operation as "lids, kids and space cadets."

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We have a limited variety of utility pole hardware and can supply utility poles in the Greensboro, N.C. area.

Scotchkote Electrical Coating

Made by 3-M Co. This can be used for underwater connections also. A 15 oz. can will do 50 to 100 connections.

15 Oz. can Scotchkote coating . . . $10.00

Rope

West Antenna has a huge inventory of all types of synthetic rope in all sizes to fit your every need. Large or small, your rope requirements can be met by us.

CHECK THESE ROPE SPECIALS:
BLACK TWISTED
POLYPROPHELENE

Good for dipoles or overhead supports on beams at a very low cost. Lasts two or three times longer in the sun than regular poly rope.

¼ inch	4 cents/foot
600 foot spool	$20.00
1,000 foot spool	$30.00
⅜ inch	8 cents/foot
600 foot spool	$40.00

Hard Line and Connectors

West Antenna can also supply ½, ⅞, 1¼, and 1⅝ inch hard line in corrugated copper, as well as ¼ inch corrugated copper superflex. We also have a limited stock of hard line connectors. If we do not have the connectors you need, they can be supplied within approximately 10 days.

Cadweld

The fastest and most reliable connections for buried or above ground rods. This system provides a molecular bond that can't loosen, can't corrode, isn't subject to galvanic corrosion, and is capable of carrying more current than the grounding conductor itself. West Antenna Corporation can supply and install ground systems for commercial tower sites.

Battery Taps

Assembly provides connection to battery cable on the new side-terminal batteries, or any connection situation where terminals are not accessible. Slips over cable and set screw penetrates jacket for contact. Radio wire slipped into hole and second set screw tightens. This has proven quite adequate for high current needs.

Battery Taps . . . . $4.95 ea.

Polyphaser Lightning Suppressors

High quality commercial units. Low loss, low noise. Frequency range through 2 Ghz. Bulkhead and inline types are available, including rotor cable and D.C. control lines. Call for prices.

2-way shops are urged to check for Dealer Pricing.

Miscellaneous

PL-259 Connectors (U.S. Made)	.65¢
10 or more	60¢
UG-175 or 176 Adapters	30¢
10 or more	25¢

Other Tower Accessories

Aluminum mast pipes, feature 2 inch OD 6061 tubing with ¼ inch wall.

12 foot lengths, 19 lbs. - In Stock
24 foot lengths, 38 lbs. - In Stock

Touch rust spots on your tower and antenna bolts with RUSTOLEUM, cold galvanizing.

Large Industrial spray can . $8.00

Stainless Steel Strapping Kits

Stainless steel strappings kits, for strapping hardline or multiple runs of Coax. Kits come with 25, 50, or 100 feet of stainless steel strapping and buckles.

For the Ultimate Mobile Installation

We have what you need - wire, fuse blocks, fuses, connectors, relays! You want your Mobile Low Band or amplifier installation to work efficiently. We have the proper wire, fusing and parts needed for a perfect installation.

WIRE - Single Conductor-Stranded.
red or black vinyl insulation
#10 wire . . . 30¢ per foot
#14 wire . . . 20¢ per foot

FUSE BLOCKS - Our fuse blocks are rugged, holding fuses much larger than the little 3AG glass type. This prevents overheating and voltage loss with high currents. Set screws in end of fuse blocks will accept wire up to #6.

30AMP Fuse Block	$4.95
60AMP	$5.95

Fuses - 5,6,7,8,10,20,25,30 Amp . . . . 80¢ each
35,40,45,50 & 60 Amp. Fuses also available upon request.

RELAYS - These Motorola Type A style relays can be installed near the fuse block in the fenderwell and remotely switched under the dash with a small toggle switch. Excellent for switching high current lines. Relays are a closed type with screw terminals for mounting . . . . Special $13.95

40 Amp. cont. duty solenoid-type, 12 V $34.95
(Commercial Dealers, call for Dealer Prices)

Other Accessories at Good Prices!!

Guy Wire Insulators - Compression-type porcelain. Approx. 1½ x 2½ inches, ⅜ inch hold.

Insulators	$2.40
10 or more	$2.10

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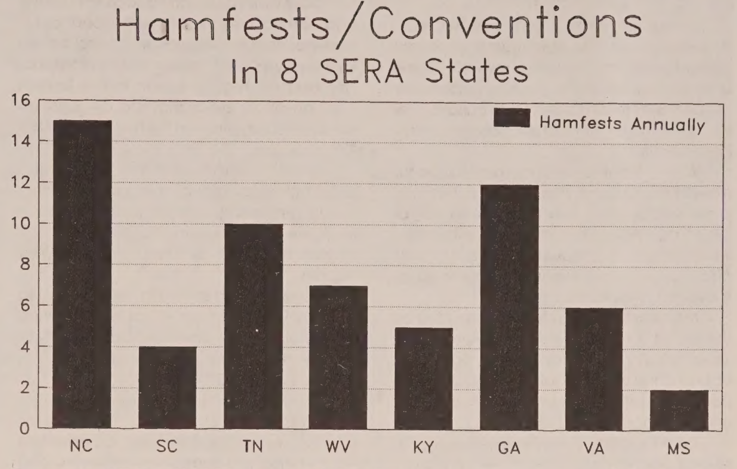
Plenty of Hamfests Available for SERA Hams

Cover Story

— *by Wayne C. Williams, K4MOB*



There's one thing certain, hams in our 8 states sure don't have any problem with somewhere to go to meet their buddies or pick up an extra piece of "ghunque."

SERA states are well blessed with many hamfests. Taking a census recently, I found obviously, hamfest numbers generally run parallel with ham population, kind of like repeaters, more hams generate more repeaters. Likewise, more hams generate more clubs, more clubs generate more hamfests.

North Carolina has two distinctions. (1) the most hamfests of any SERA State — 15, and (2) two of the largest in the Southeast. Shelby continues the largest in the East, with crowds averaging from 10,000 to 12,000. Charlotte follows next with estimated attendance of over 8,000.

Georgia has the distinction of the second largest State as far as numbers of hamfests, with 12. The Atlanta Hamvention generally runs a strong third in size with attendance of 6,000 or more.

Tennessee runs third in numbers of hamfests with 10, followed by West Virginia with 7, Virginia with 6, Kentucky with 5, South Carolina 4 and Mississippi 2.

Several other shows have shown tremendous growth over the past 3 or 4 years. They include Virginia Beach (Va), Richmond (Va), Raleigh (NC) and Manassas (Va). These shows could be considered medium to large shows, with some of them boasting attendance of nearly 5,000.

There are numerous other smaller shows in the States with attendance ranging from 1,000 to 2,000 persons.

Quite a few hamfests and swapfests are around with attendance of 500 to 1,000 and even some very successful hamfests, running for years with attendance under 500.

Changes Over The Years

Ten years ago, most hamfests were held in fairgrounds, parks, activity centers, and most of them were outdoors. Consequently most had to be held after the weather got warm and before it got too hot in the summer, and then too cold in winter.

Today, most all hamfests are held indoors in some form. Shows are now scheduled from January through the end of November. (Strange, no one has put on a December show yet!) Some have outdoor fleamarkets and inside new dealers, others have complete facilities inside, and many are air conditioned and heated, eliminating the need for worry about weather.

City Civic Centers and Convention Centers are being used by quite a few larger shows today. A lot of events are utilizing local fairgrounds with much success. A third favorite spot for hamfests seems to be National Guard Armories. Recreation centers, shopping centers and school cafeterias are other locations used by clubs for hamfests.

A Chance To See It All

A very important feature of the larger conventions today is the manufacturers who come to display their latest Amateur equipment. This gives the ham a chance to see full lines of most of the new stuff available and help make up his mind before he visits his favorite dealer.

Some of the main shows for seeing numerous manufacturers include: Charlotte (NC), Virginia Beach (Va), Atlanta (Ga).

Coming on the scene the last few years at larger shows are computer manufacturers and dealers. Some shows today are almost 40% computer oriented because ham purchases have shown, it is a desirable commodity to be shown at a hamfest.

Why Not Take In A Few Hamfests!

Whether you need a new piece of equipment, or you want to see what is available in the latest technology, or you just want to meet a bunch of the "old gang," a hamfest is an ideal place to go and take the family. It can be a day well spent. Wives who aren't hams are enjoying a hamfest with the "old man" now that sponsors are spending more effort in catering to the family as well as the ham. Women have seminars on cooking, cosmetics, ceramics, flower arrangements, and scenic tours and shopping sprees they can participate in while the ham is shopping. Games and movies are available for the youngsters if they get tired of following "Dad" around the isles.

Supporting your area hamfest helps your neighbor hams, your own club, and it benefits you if you want to keep abreast of what is going on. Besides, it's a lot of fun!

So, map out your plans for next year! Check our Hamfest Calendar, mark down a few, and when the day arrives, load up the family and attend a hamfest!

Hamfest Sponsors — List Dates Early End Conflicts

Every year, there are conflicting dates with hamfests. Generally, one club will move their date to a week earlier or a week later, and not notify the Repeater Journal. This puts them on top of another show in a nearby state. If the club had an option of dates, a check with the Repeater Journal might have eliminated this conflict.

Most sponsors don't feel that conflicting with a show in a nearby state will cause any problems, but what about the dealers and flea marketeers who travel across SERA territory? It is in the best interest of any club planning to start a hamfest, to check with the Repeater Journal staff first, to see if there is a conflicting show on their same date. If you have to move your show date, try to get a date that doesn't fall on top of a comparable sized show somewhere else. . . it could hurt you.

Two comparable shows, one in North Carolina, and another in Virginia could severely hurt each other if they were held on the same weekend. The same is true for shows in South Carolina and Tennessee. They might not have much problem with attendance, but professional flea marketeers and dealers usually go to only one show. Somebody has to be left out. And we all know, good support in the flea market and several dealers lends to the success of any hamfest.

The Repeater Journal Calendar keeps a database on all known shows in our 8 SERA States, plus numerous others in nearby states. They are updated constantly. Show sponsors are urged to send in confirmed dates as soon as possible. It will help eliminate the hard feelings we hear sometimes between a new show who chose an open date, and another established show moving on their date at the last minute.

Blind Packeteer In West Virginia

— by Ted Wolfe, WD4KHL

In August Dave Allen's call, WD8LDY, showed up on my MH register of recent stations heard on packet by my TNC. I knew Dave had been planning to give packet a try despite his handicap and I was curious how a totally blind ham could decode the incoming packets.

When I went to his apartment to see for myself I found Dave has a device that indicates twenty braille cells at a time by way of raised metal dots in a matrix of braille cells. When he has read those twenty cells, a push of a button allows the next twenty cells to move onto the readout matrix.

In braille the characters are indicated by the use of a combination of six raised dots within a cell (or space). With six dots available and the option of raising or not raising a particular dot the possibility of 64 combinations is apparent (2x2x2x2x2x2).

Dave explained it is necessary to memorize several different braille codes. He mentioned several: the literary code, the math code, the musical notation code and the computer code. In effect, the same combination of raised dots in a single cell on his readout panel can indicate any of a number of characters depending on the partcular "code" used to generate that character.

According to Dave there are more than four codes enumerated above. He said, "There are different codes for any imaginable application, including each foreign language." Dave, who studied Spanish, is also familiar with the code for that language.

More on his equipment later, but now some personal details on this most unusual ham who lives and works in Charleston, WV.

Dave is the youngest of ten children — five boys and five girls — of the late Helen Ratliffe Allen and Jesse L. Allen. He was born into this farm family at Clarksburg, WV, 26 years ago this month (November).

Dave was blind at birth, the only one in his family so afflicted. And he is the only licensed ham in the family.

Dave told me his parents often did not agree with what he wanted to do, but "if I persisted and demonstrated an aptitude for activities I wanted to participate in, they never denied me the opportunity."

Dave Allen was first licensed as a ham in May, 1977, while a student at the West Virginia School for the Blind at Romney which he attended from 1970 to 1977. He then spent three years in a regular public school before taking a GED test for his high school diploma.

An Extra class operator since Oct. 1984, Dave prefers cw, at which he is quite adept. He is comfortable copying 50 words per minute in his head. Once he was able to copy 60 wpm but he says he is out of practice due to demands of work and other activities. He can copy and write incoming text up to 30 wpm on a mechanical braille writer comfortably. He can type up to 60 wpm on a standard typewriter.

Dave works as much traffic as time allows and works all West Virginia nets except radioteletype. He is the regular net control station for the daytime 8th Region Net, West Virginia Net, and the regular liaison to the Eastern Area on single sideband and cw, and on request is a substitute on the Transcontinental Corps.

He also enjoys playing the dulcimer and autoharp, reading audio books for the blind, and rag-chewing with his ham friends on radio. He knows of four other blind hams on packet but none of them are near West Virginia.

Dave has had an aid to the blind audio frequency readout for HF operation since March of this year when another blind ham, Leon Moten, WD8POF, Jumping Branch, WV, loaned him one of his.

Dave is employed as a consultant for Friends of West Virginia Radio Reading Service, Inc., a non-profit support organization which helps with financing, volunteers, and other services not provided by the state. Officially, as part of the West Virginia Library Services to the Blind and Handicapped, the state provides —through the State Library Commission — studios and production facilities in the Cultural Center on the state capitol grounds. The state picks up transmission costs for the reading service.

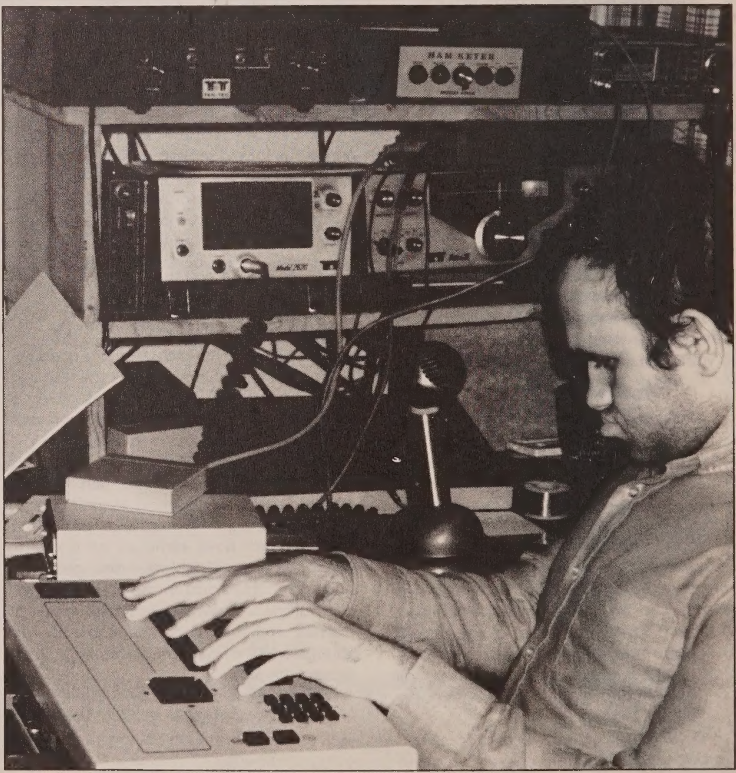
Now to the equipment used on his foray into amateur packet radio. His computer, with a braille keyboard, is a Versabraille II-Plus system manufactured by Telesensory Systems, Inc., of Mountain View, California. The computer does not resemble either a standard computer keyboard or typewriter.

It has keys representing the six raised dots in a braille cell or space. The computer is used in two ways: as a stand alone word processor; and, with additional software, to access and control a standard personal computer.

His system has a built in terminal emulator that makes packet possible. The disc based system has one 3.5-inch drive built in plus an external disc drive.

The operator can input grade two braille into the editor and it translates via software the input to computer braille which can then be sent to a parallel printer to make regular copies for sighted people. This is helpful to Dave in his work of preparing letters, memos, invoices and such. Grade one, or literary

Continued on Page 40



Blind packet operator Dave Allen, WD8LDY, Charleston, WV, is shown at the keyboard of his braille keyboard computer. He reads incoming packets with fingers of his right hand over a panel of twenty braille cells or spaces. (Photo courtesy of Sam Moore, W8NCD, Charleston.)

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Their overlapping band ranges are great for present use and future expansions, and their wide array of impressive features make your auto a double-mobile winner!

WIDEBAND COVERAGE.
The IC-2400's range of 138-174MHz RX/140-150MHz TX and 440-450MHz RX/TX includes NOAA weather reception plus liberal overlap for MARS/CAP operation. The innovative IC-2500 receives and transmits 440-450MHz and 1240-1300MHz.

HIGH POWER RADIOS!
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Both transceivers transmit on one band while simultaneously receiving on another. Both radios feature independent offsets for each band. It's like having two separate radios in one! Perfect for true telephone-style autopatching with a modern crossband repeater!

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Monitor both bands on the internal speaker or add external speakers. Each band features separate volume and squelch controls.

40 MEMORIES.
Twenty per band. Store frequencies, PL tones and TX offsets for super-convenient mobiling!

PROGRAMMABLE BAND AND MEMORY SCANNING.
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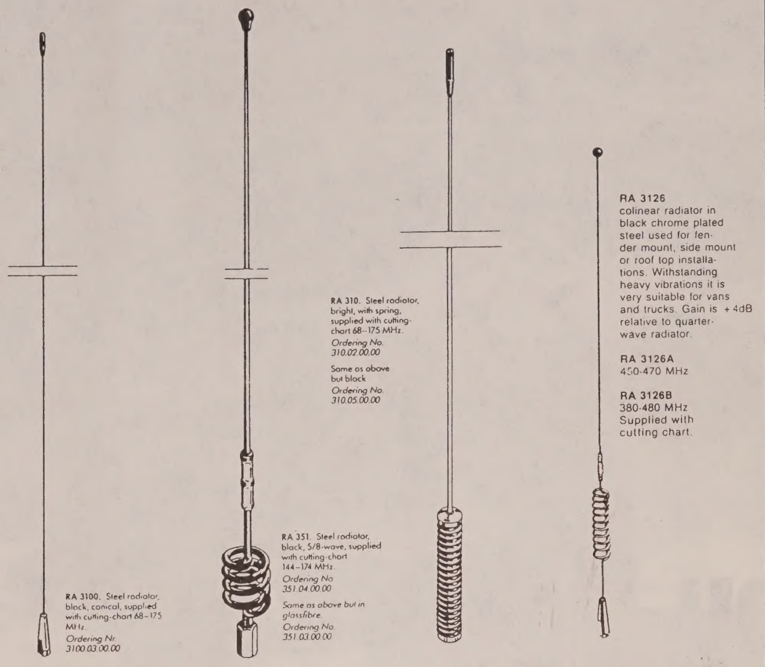


RA 3100. Steel radiator, black, conical, supplied with cutting-chart 68–175 MHz.
Ordering Nr.
3100.03.00.00

RA 351. Steel radiator, black, 5/8-wave, supplied with cutting-chart 144–174 MHz.
Ordering No.
351.04.00.00

Same as above but in glassfibre.
Ordering No.
351.03.00.00

RA 310. Steel radiator, bright, with spring, supplied with cutting-chart 68--175 MHz.
Ordering No.
310.02.00.00

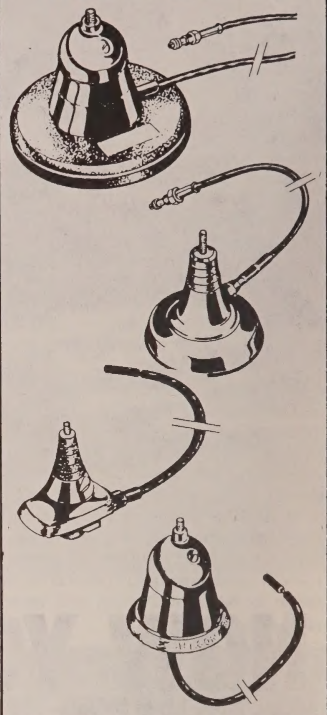
Same as above but black
Ordering No.
310.05.00.00

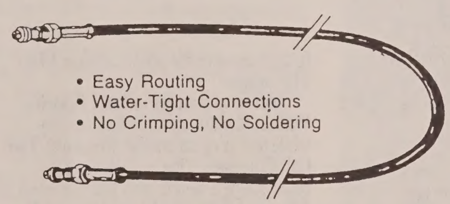
RA 3126
colinear radiator in black chrome plated steel used for fender mount, side mount or roof top installations. Withstanding heavy vibrations it is very suitable for vans and trucks. Gain is +4dB relative to quarter-wave radiator.

RA 3126A
450-470 MHz

RA 3126B
380-480 MHz
Supplied with cutting chart.

Mobile Bases





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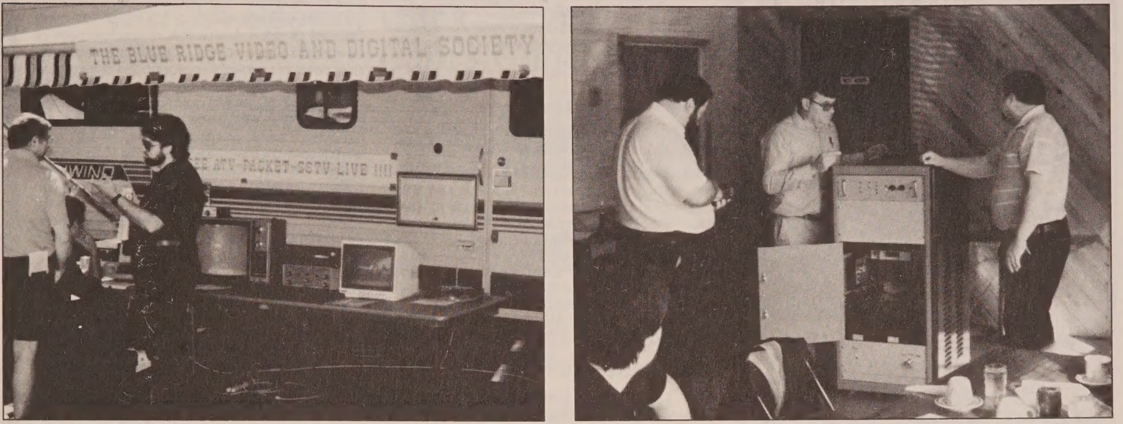
Blue Ridge Video & Digital Society


THE BLUE RIDGE VIDEO AND DIGITAL SOCIETY
E ATV-PACKET-SSTV-LIVE !!!!

Active with Hamfest Displays and Club Demonstrations

The Blue Rige Video and Digital Society went all out at the recent Roanoke (Va) Hamfest. Their trailer was setup with Packet, Slow Scan TV and Fast Scan TV live demonstrations. They featured live pictures going back and forth from an inside display at the hamfest to the outside flea market trailer setup. The group also passed out free 2-Meter and Packet repeater maps for the State. At the right, the club believes in letting members see first hand, what their equipment looks like. The new WB4QOJ 145.21 repeater was plugged in at a a meeting and control functions demonstrated to the members. WB4QOJ stands to the left with his H/T, keying in codes for the repeater to respond. N2EDE and N4FHL assisted in the demonstration. The shiny new repeater replaced the old 145.21 repeater near Roanoke. (Photos by David Jones, N4JED)

GARS - GREENWOOD, S.C.
HAMFEST

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Earl Gillian, K4VIA, 405 Draper St., Greenwood, S.C. 29646, Ph: 223-4436

Pre-Registration: Eldora Keck, 152 Cherokee Dr., Greenwood, S.C. 29646, Ph: 229-3676

TABLES FOR DEALERS OR FLEAS ARE $5.00 EACH

TALK-IN 147.765-147.165

Join The Journal! Support SERA and Get The Journal At No Extra Charge!

Make a copy of this application and pass it to a friend. Encourage him to help support the coordination council that for 17 years has worked to keep your repeater in the clear. Your membership guarantees a continuation of this work. Associate Members (repeater users) will receive the REPEATER JOURNAL quarterly. If you are a present Associate Member, you may use this application to renew, change address, or change callsign.

Deadlines for membership are the 15th of the month prior to Publication, to receive the next upcoming Journal. (Jan. 15, Apr. 15, Jul. 15 and Oct. 15). Applications received after deadline will receive the next Journal 3 months away.

The Repeater Journal is Published Quarterly - Feb., May, Aug., Nov.

Yes! I Want to Support SERA - Sign Me UP for the Journal!

SERA ASSOCIATE MEMBERSHIP APPLICATION

Name ______________ **Call Sign** ______

Address ______________ Date ______

City ______ **State** ______ **Zip** ______

Phone (**)** ______ **ARRL Member [ ] Yes [ ] No**

Enclosed is $ ______ **for** ______ **Years(s) Membership**

(Check Appropriate Box Below)

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RJ-11-89

REPEATER JOURNAL ADVERTISING RATES

Effective 1 January 1990

The Repeater Journal is a 3 column magazine with overall page dimension of 8½x11 inches. Our page size enables a wide variety of ad sizes from a full page, to a one column inch size ad.

Column Widths are 1 col: 2¼-in., 1½ col: 3½-in., 2 col: 4⅝-in., 3 col: 7⅛-in. Ad widths will be based only with the specified column widths.

ADVERTISING DEADLINES

New ads, or ad size changes must be sent to the Advertising Manager no later than the 20th of the 2nd month prior to month of publication. (Feb. issue - Dec. 20, May issue - Mar. 20, August issue -June 20 and November issue - Sep. 20)

COPY DEADLINES: New advertising copy or ad changes for existing ads must be in the hands of our Advertising Manager no later than the 1st of the Month prior to Month of Publication. We cannot guarantee insertion of ads after deadline, although every effort will be made to accommodate.

NOTE: Ads published in the Repeater Journal will be repeated the next issue unless notified by the advertiser. If you wish to continue running your present ad, no notification is necessary.

BILLING: Advertisers are billed quarterly after the Repeater Journal is published. All invoices are due upon receipt. Advertisers with unpaid bills will be unable to run further advertising until their account is settled.

CONTRACT ADVERTISING: Contract advertising is billed quarterly after each publication. There is no discount for multiple issue advertising.

VOLUME DISCOUNTS: Advertisers who wish to place more than one ad in each issue of the Repeater Journal may receive additional discounts for each additional ad of the same size run in the same publication issue. A second ad of the same size will receive a 10% Discount, a third ad the same size will receive a 15% Discount. For instance, an advertiser running three full pages will pay full single page price for first page, the second page will receive 10% discount off full single page price, and the 3rd full page receives 15% off the full single page price. The same discounts apply to other ad sizes. They must be of the same size as the first ad to receive the discount rates.

Repeater Journal advertising rates apply to exact size, camera ready copy. We can provide typesetting and/or reduce art for your ad at our cost. Composition and typesetting for a full page ad is approximately $25 to $35, depending on amount of copy. Reduction or enlargement of artwork is $5.50 each piece. COLOR: One additional spot color, on available color pages is available for an additional $35.00 charge per ad, except instances where facing color pages occur in the front and back of the book, only one color charge is made for two pages of advertising. FULL COLOR is available on the Inside Front and Inside Back covers. 100-144 line separation negatives, with color key should be supplied by the advertiser. Separations should be negatives, right reading, emulsion down. No extra charge for full bleed. Due to the Repeater Journal page width being approximately ¼-inch wider than national magazines, if separations are not wide enough for full bleed left to right, bleed will be to outside edge of page.

We can assist in layouts of your ad. Artwork from national magazines can be used at your request if an unfolded clean copy is included with ad dummy.

It is the advertiser's responsibility to cancel advertising for upcoming issues when remitting payment, or prior to deadline for the next issue, otherwise, the ad will be repeated until further notice.

The Repeater Journal cannot be responsible for errors in advertising, due to typesetting or proofing mistakes, although every effort is made for accurate depiction of your ad. We cannot be held accountable for equipment or accessories that do not live up to the advertised claim. We cannot be responsible nor guarantee insertion of any advertising received after normal deadlines.

BUSINESS CARDS, CLASSIFIED ADS AND HAMFEST advertising must be sent accompanied by full payment for insertion. If additional work is required to ad, advertiser will be billed for additional cost.

HAMFEST FLYERS for hamfest ads are suitable although they must be placed on the camera for size adjustment ($5.50 extra charge). Flyers should be clean, preferably printed in black ink, and not wrinkled or folded for best reproduction.

REPEATER JOURNAL ADVERTISING SIZES AND RATES

Ins. Frt. or Ins. Back Covers	8½"x11"	$335.00
Full Page	7⅛"x9⅞"	100.00
Full page Bleed (any sides)	8½"x11"	125.00
2/3 Page (Vertical)	4⅝"x9⅞"	75.00
1/2 Page (Horizontal)	7⅛"x4¾"	55.00
1/2 Page (Vertical)	3½"x9⅞"	55.00
1/2 Page (2-Col Vertical)	4⅝"x7⅛"	55.00
1/3 Page (Vertical only)	2¼"x9⅞"	40.00
1/4 Page (Vertical only)	3½"x4¾"	32.00
1/6 Page (Vertical)	2¼"x4¾"	22.00
1/6 Page (horizontal)	4¾"x2¼"	22.00
1/12 Page (Vertical only)	2¼"x2¼"	14.00
Business Cards-Repeater/ Club Cards On Directory Page	(4-issue Contract) In Advance	18.00
Classified Ads (30 words max)	In Advance	3.00
Color (1 add'l color plus black)	Any size ad	35.00

Sizes listed above are width by length in that order. Ads which run lengths between sizes listed above will be billed according to column inch rate at midpoint. Prices above are for exact size, camera-ready positive photoprint, or pasteup. Full color ads for covers are negative, right reading emulsion down. Camera work, typesetting will be charged at our cost. There is no charge for layout design or pasteup.

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A Special Week Set Aside for Your Favorite Ham's Christmas Gifts!

Special Prices! Special Deals! All Week Long!

DECEMBER 10 thru 17

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Now's the time to start dropping Hints to your Spouse. Tel them what you would like to have at the Annual

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COLFAX, N.C. 27235

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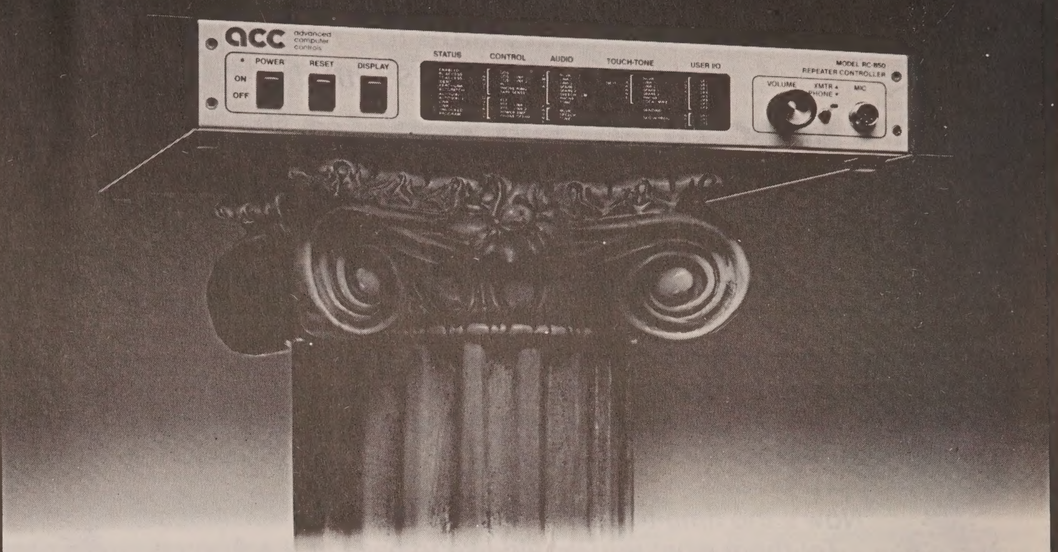

"The Epitome of Excellence"

Elevate the status of your repeater with the RC-850 Repeater Controller.

Ever heard a really great repeater? One that sounds superb? Is fun to use? And benefits its users through its wealth of interactive features? Chances are, it's controlled by an ACC RC-850 Repeater Controller. Because more discriminating repeater owners choose ACC controllers for their systems than any other. And the 850 leads the industry in performance.

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The SERA By-State, By-City Index Appears After This By-Frequency Index

This by-frequency index contains repeaters in the States of Virginia, North Carolina, South Carolina, Kentucky, Tennessee, West Virginia, Georgia and Mississippi.

2 METERS

4.51 /5.11	VTA	ATLANTA	GA
	TUN	AUGUSTA	GA
	HYE	MENDENHALL	MS
	RXG	SAURATOWN MT	NC
	JMT	CONWAY	SC
	Y	COOKEVILLE	TN
	BOX	JACKSON	TN
	IJL	KNOXVILLE	TN
	ARK	NASHVLE/FAIRVIEW	TN
	YPE	RICHMOND	VA
	MCR	SALT ROCK	WV
4.53 /5.13	SEX	NEWNAN	GA
	VLP	VALDOSTA/TIFTON	GA
	YNF	AHOSKIE	NC
	CS	GREENWOOD/HODGES	SC
	CMY	CHATTANOOGA	TN
	YGI	COLLIERVILLE	TN
	OAK	LAFOLLETTE	TN
	VL	GALAX/LKOUT MT	VA
	FHE	BUCKHANNON	WV
4.55 /5.15	MM	ALBANY	GA
	AQL	ATLANTA	GA
	LI	MILLEDGEVILLE	GA
	NFK	CLARKSON	KY
	IWZ	PIKEVILLE	KY
	LEF	PICAYUNE	MS
	UDS	MORENTN/HI PK	NC
	CVM	RANDLEMAN/GBO	NC
	LWY	SUMMERTON	SC
	RJC	DECATUR-PONE KB	TN
	JXI	MEMPHIS	TN
	ARO	PETERSBURG	VA
	HDB	MARMET/BEE MT	WV
	FSE	MARTINSBURG	WV
4.57 /5.17	JBF	COOLIDGE	GA
	DIW	JONESBORO	GA
	ZQB	NEWTON/ANDSN MT	NC
	EKK	OXFORD	NC
	TUN	AIKEN	SC
	SK	LOUDON	TN
	BRN	MEMPHIS	TN
	LHO	MURFREESBORO	TN
	ZUA	NORFOLK	VA
	FRV	BOLT	WV
4.59 /5.19	GIS	CARTERSVILLE	GA
	ULJ	PINE MT/HAMILTON	GA
	BVW	MT MITCHELL	NC
	OTT	CARTHAGE	TN
	XX	JASPER	TN
	FAX	RICHMOND	VA
	YJJ	RICHWOOD	WV
	JGY	WHEELING	WV
4,61 /5.21	HMJ	ROCKHOUSE MT	KY
4.61 /5.21	PSZ	TYRONE	GA
	U	DEANE	KY
	BOP	ERLANGER	KY
	RNW	LOUISVILLE	KY
	WRE	POPLARVILLE	MS
	TQD	TRENTON	NC
	NEP	GASTON	SC
	BBB	KNOXVILLE	TN
	ARK	NASHVILLE	TN
	LIY	TRENTON	TN
	MS	KILMARNOCK	VA
	QOJ	ROANOKE/POOR MT.	VA
	FEQ	HUNTINGTON	WV
4.63 /5.23	JEH	CONYERS	GA
	UJ	DALTON	GA
	COL	WAYNESBORO	GA
	PPM	MIDDLESBORO	KY
	PPM	MIDDLESBORO	KY
	BFB	CHARLOTTE	NC
	RA	LAVERNE	TN
	DBB	BEDFD/APL ORCH	VA
4.65 /5.25	BLQ	CLAYTON	GA
	BZJ	DALTON	GA
	KQK	FOREST PARK	GA
	GGD	GREENSBORO	NC
	URP	CHARLESTON	SC
	DWQ	ERWIN	TN
4.67 /5.27	PN	WALESKA/PNLGMT	GA
	DZJ	WIGGINS	MS
	KNI	HENDSVL/BERWLW M	NC
	BEA	RALEIGH	NC
	WZK	HENDERSONVILLE	TN
	CJX	SEV/SHIELDS MT	TN
	JCE	MANASSAS	VA
	MUQ	WYTHEVL/SAND MT.	VA
	OG	CRAIGSVILLE	WV
4.69 /5.29	DRQ	ATLANTA	GA
	AGA	FRANKFORT	KY
	PL	LAWRENCEBURG	KY
	ICN	PRESTONSBURG	KY
	L	VICKSBURG	MS
	BFB	CHARLOTTE	NC
	ACP	MAYODAN	NC
	VCM	CHATTANOOGA	TN
	SQC	HOLSTON MT/E TN	TN
	WF	NASHVILLE	TN
	NDH	CHESAPEAKE	VA
4.71 /5.31	CEK	COLUMBUS	GA
	JDR	STOCKBRIDGE	GA
	ICX	LEXINGTON	NC
	GY	CHELSEA	SC
	PF	ROCK HILL	SC
	GRC	ATHENS	TN
	SC	JACKSON	TN
	FSC	ALEXANDRIA	VA
	BZS	BECKLEY	WV
4.73 /5.33	OGE	JONESBORO	GA
	CYR	GULFPORT	MS
	J	MT. AIRY	NC
	DFP	BAMBERG	SC
	GMT	CUMBERLAND CITY	TN
	TEM	KNOXVILLE	TN
	DRL	MEM/FISHERVILLE	TN
	QQI	FARMVILLE	VA
	QC	PARSONS	WV
	FR	WILLIAMSON	WV
4.75 /5.35	DOC	ATLANTA	GA
	FGQ	ROSSVILLE	GA
	R	HARLAN	KY
	R	HARLAN	KY
	AOS	CHARLOTTE	NC
	GVK	GREENVILLE	NC
	Y	HUMBOLDT	TN
	JYD	NASHVILLE	TN
	AZJ	BLAND	VA
	AQD	FALLS CHURCH	VA
4.77 /5.37	UA	AUGUSTA	GA
	ACH	COLUMBUS-RTTY	GA
	IZF	JASPER	GA
	NNX	HATTIESBURG	MS
	AGN	N. WILKESBORO	NC
	MII	OXFORD	NC
	PPD	SHALLOTTE	NC
	GRC	KNOXVILLE	TN
	OG	NASHVILLE	TN
	P	GLOUCESTER	VA
	FWL	BECKLEY/EOC	WV
4.79 /5.39	HYB	GRIFFIN	GA
	NJ	MONROE/UCARS	NC
	AM	CHATTANOOGA	TN
	EPC	GREENEVILLE	TN
	DOR	HERMITAGE	TN
	VM	SELMER	TN
	ZIV	GALAX	VA
	EOM	WESTON	WV
4.81 /5.41	PME	ATLANTA/BELL	GA
	PXX	BRUNSWICK	GA
	NON	COVINGTON	KY
	BKD	GLASGOW	KY
	XO	HIGH POINT	NC
	KNU	WILLIAMSTON	NC
	TUO	GREENEVILLE	TN
	VIP	MEMPHIS	TN
	FHE	BUCKHANNON	WV
	BHP	LIBERTY	WV
4.83 /5.43	LCI	ATLANTA/SWEAT MT	GA
	OLL	MACON	GA
	ITL	SPARTA/GREEN MT	NC
	LB	COLUMBIA	SC
	YTU	BROWNSVILLE	TN
	UCE	COOKEVILLE	TN
	IUA	KNOXVILLE	TN
	SQT	RICHMOND	VA
	WHQ	CHARLESTON	WV
	LG	MORGANTOWN	WV
4.85 /5.45	BOC	DECATUR	GA
	TX	LEXINGTON	KY
	TX	LEXINGTON	KY
	PLY	CROWDERS MT	NC
	WTX	DURHAM	NC
	GRW	NEWPORT	NC
	SIR	BENTON	TN
	KO	COLUMBIA	TN
	HAZ	MEMPHIS	TN
	E	SPRING HILL	TN
	FXC	GRANTSVILLE	WV
	SXZ	WELCH	WV
4.87 /5.47	CLA	SWEAT MT/MARIETT	GA
	WMM	WASHINGTON	KY
	GIC	SAURATOWN MT	NC
	OXE	INMAN	SC
	GBI	KNOXVILLE	TN
	OMO	MOUNTAIN CITY	TN
	ARK	NASHVILLE	TN
	EFJ	ARLINGTON	VA
	FG	KINGSTON/LICK KB	WV
4.89 /5.49	JA	AUGUSTA	GA
	RWS	CORDELE	GA
	QPL	MARIETTA	GA
	PXK	CLARKSON	KY
	CWF	NICHOLASVILLE	KY
	ZCZ	FRANKLIN	NC
	BWC	RALEIGH	NC
	ABW	RKY RDG/WALLACE	SC
	KKO	MCMINVL/SHT MT	TN
	KOG	MEMPHIS	TN
	MOP	BLUEFIELD	VA
	OHX	NEWPORT NEWS	VA
	MOP	BLUEFIELD	WV
6.655/6.055	DZC	DANVILLE	KY
6.715/6.115	GB	CARROLLTON	KY
6.895/6.295	RBS	HARTWELL	GA
	SM	MACON	GA
6.01 /6.61	CVY	COLUMBUS	GA
	BDP	WARNER ROBINS	GA
	KWV	CORBIN	KY
	RNW	LOUISVILLE	KY
	PVV	MADISONVILLE	KY
	C	LAUREL	MS
	SNI	GREENSBORO	NC
	JMS	NEW BERN	NC
	NYK	GRNVLE/CSRS HD	SC
	CMY	CHATTANOOGA	TN
	PCD	NASHVILLE	TN
	LSP	ABINGDN/BRMLY MT	VA
	GSP	CHESAPEAKE	VA
	WWQ	LYNCHBURG	VA
	MZI	GASSAWAY	WV
6.025/6.625	UPE	UNION CITY	GA
	JWP	VIDALIA	GA
	WO	PORT GIBSON	MS
	QWK	LAURINBURG	NC
	GBI	KNOXVILLE	TN
	ZQX	MARTIN	TN
	AVW	NEW MARKET	VA
	BZS	WINTERPL/FLT TOP	WV

This Index Continues on Next Page.

SERA Suggested FM Simplex

146.490 146.505 146.520 146.535 146.550
146.575 146.580 146.595 147.510 147.525
147.540 147.555 147.570 147.585
223.50 or up and down 20 khz channels
446.00 or up and down 25 khz channels

SERA Suggested Digital Simplex

145.01 145.05 145.07 145.09 145.61
145.63 145.65 145.67 145.69
221.05 221.15 221.25 221.35 221.45
223.40 223.42 223.58

NOTE: Digital operators are reminded to check with local Digital Societies for which digital channels are available for various digital usage, in their particular area. Some channels are for exclusive use of LAN or BBS, etc. usage.

PLEASE NOTE!

A column with letters of the alphabet between the frequency and city columns indicate suffixes of the repeater callsigns.

REPEATERS BY FREQUENCY CONTINUED

6.035/6.635	YCU	BETSY LAYNE	KY
6.04 /6.64	LWT	AUGUSTA	GA
	FWD	CARROLLTON	GA
	GVG	WAYCROSS	GA
	UXJ	CAMBELLSVILLE	KY
	YZY	PINEVILLE	KY
	YZY	PINEVILLE	KY
	ITL	JACKSON	MS
	NAY	MOOREVILLE	MS
	YAO	HENDERSONVILLE	NC
	DW	RALEIGH	NC
	GIC	WINSTON-SALEM	NC
	FIQ	SUMTER	SC
	RX	CROSSVILLE	TN
	KQQ	MEMPHIS	TN
	NTM	NASHVILLE	TN
	WIC	FINCASTLE	VA
	IH	MARION	VA
	QEY	RICHMOND	VA
	EZR	HUNTINGTON/CHAS	WV
6.055/6.655	NFP	ATLANTA/MARIETTA	GA
	MNI	BOWLING GREEN	KY
	CEB	CONCORD/KANNAP.	NC
	VTX	ELIZABETH CITY	NC
	ABU	BROWNSVILLE	TN
	F	CHATT/SIGNAL MT	TN
	PDP	ALEXANDRIA	VA
	ISI	ALTAVISTA	VA
6.06 /6.66	BKM	MACON	GA
6.07 /6.67	NSO	GAINESVILLE	GA
	EQL	JESUP	GA
	VHF	HAZARD	KY
	KBL	PRINCETON	KY
	CAX	BLUE MT.	MS
	YGD	BURLINGTON	NC
	BKU	CHERRY MT	NC
	SJ	HALIFAX	NC
	U	ST. MATTHEWS	SC
	ILW	BRISTOL	TN
	BGW	LAFOLLETTE/WMT	TN
	NTM	NASHVILLE S.W.	TN
	HZS	BARREN SPRINGS	VA
	ZR	LEXINGTON	VA
	NTG	WILLIAMSBURG	VA
	JNU	RAVENSWOOD	WV
6.085/6.685	IWL	ADAIRSVILLE	GA
	UWN	FAYETTEVILLE	GA
	KHB	NATCHEZ	MS
	NBR	GRIFTON	NC
	O	STATESVILLE	NC
	CO	NEWBERRY	SC
	PIO	LENOIR CITY	TN
	Q	WAVERLY	TN
	HTA	VIENNA	VA
	FMD	CLARKSBURG	WV
6.10 /6.70	MM	ALBANY	GA
	OOM	JASPER	GA
	DOJ	MILLEDGEVILLE	GA
	TO	SAVANNAH	GA
	BDC	BROOKS	KY
	JO	GRAYSON	KY
	YGM	UNION CITY (TN)	KY
	GY	BAY ST. LOUIS	MS
	LVA	GRENADA	MS
	DEJ	MERIDIAN	MS
	CID	DUNN	NC
	PAX	LANCASTER	SC
	UOT	MANCHESTER	TN
	UFT	MEMPHIS	TN
	YGM	UNION CITY	TN
	WQS	DANVILLE/WHT OAK	VA
	D	NORFOLK	VA
	LQC	PENNINGTON GAP	VA
	XD	STAUNTON	VA
	JNU	RAVENSWOOD	WV
6.115/6.715	ABZ	RINGGOLD	GA
	B	BEREA	KY
	TQY	GREENWOOD	MS
	GGN	MILLERS CREEK	NC
	KDC	SPRING LAKE	NC
	NEP	COLUMBIA	SC
	I	BLACKSBURG	VA
	TXE	STERLING	VA
	GL	SHERRARD	WV
6.13 /6.73	MM	ALBANY	GA
	NC	ATLANTA/SWEAT MT	GA
	TVE	BRUNSWICK	GA
	QHN	PHENIX CITY (AL)	GA
	SWF	LOUISA	KY
	ZXK	VERSAILLES	KY
	OS	BILOXI	MS
	VZF	STARKVILLE	MS
	BWC	RALEIGH	NC
	EXU	SALISBURY	NC
	VNK	WILMINGTON	NC
	FKJ	N. AUGUSTA	SC
	BJY	SIMPSONVILLE	SC
	IOB	KNXVL/ENG MT	TN
	DAZ	MEMPHIS	TN
	WA	WATERTOWN	TN
	DHO	HAMPTON	VA
	AVZ	ALDERSON	WV
6.145/6.745	BKF	ATHENS	GA
	N	DILLON/PEE DEE	SC
	HF	DYERSBURG	TN
	DY	ROANOKE/POOR MT	VA
	FMD	ELK GARDEN	WV
	U	PARKERSBURG	WV
6/145/6.745	UP	COALFIELD	TN
6.16 /6.76	BOC	STONE MT	GA
	APS	VALDOSTA	GA
	NSY	FERN CREEK	KY
	HBM	LEXINGTON	KY
	CUW	PADUCAH	KY
	AXQ	FLORENCE	MS
	BVW	ASHVL/MT PISGAH	NC
	MSS	GREENSBORO	NC
	S	SWANSBORO	NC
	THL	WILSON	NC
	ILT	CHARLESTON	SC
	LSP	BRISTOL/HLSTN MT	TN
	PQP	NASHVILLE	TN
	TFZ	CHARLOTTESVILLE	VA
	ZIN	WILLIAMSBURG	VA
	VA	HUNTINGTON	WV
	CUL	MORGANTOWN	WV
	JDH	WHEELING	WV
6.175/6.775	KE	MARIETTA	GA
	OCB	WRENS	GA
	TEF	BOONEVILLE	MS
	BFB	CHARLOTTE/RTTY	NC
	JYH	LONG BEACH	NC
	DCD	TABOR CITY	NC
	JVO	PULASKI/MUSIC MT	TN
	VR	WYTHEVILLE	VA
	BWZ	ELKINS	WV
6.19 /6.79	DMK	FOLKSTON	GA
	KOW	MOULTRIE	GA
	SEX	NEWNAN	GA
	VYX	SWAINSBORO	GA
	YBA	ELIZABETHTOWN	KY
	U	PAINTSVILLE	KY
	TYP	BILOXI	MS
	S	WEST POINT	MS
	LZD	CLINTON	NC
	QDK	SAURATOWN MT	NC
	FVV	ANDERSON/SAS MT	SC
	ILT	CHARLESTON	SC
	AM	CHATTANOOGA	TN
	ABR	JOHNSON CITY	TN
	SQE	NASHVILLE	TN
	SD	CHESAPEAKE	VA
	LBL	FAIRFAX	VA
	OQC	OAK HILL	WV
6.205/6.805	LT	MILLEDGEVILLE	GA
	NNE	GUTHRIE	KY
	EWG	FAYETTEVILLE	NC
	NOQ	GASTONIA	NC
	NNE	GUTHRIE (TN/KY)	TN
	HTI	COVINGTON	VA
7.405/6.805	AQS	CALHOUN/JASPER	GA
	AQS	JASPER/MT OGLTHP	GA
	HCY	MAGGIE VALLEY	NC
6.22 /6.82	MM	ALBANY	GA
	DOC	ATLANTA	GA
	HAO	LYONS	GA
	MBA	GREENVILLE	MS
	PZA	ROARING GAP	NC
	GMP	WILMINGTON	NC
	NYK	GRNVLE/PARIS MT	SC
	OAH	LAKE CITY	TN
	BS	MEMPHIS	TN
	NCM	WINCHESTER	TN
	RKC	WINCHESTER	VA
	IFS	CHARLESTON	WV
6.235/6.835	OCB	THOMPSON	GA
	QCO	ASHEVILLE	NC
	JXG	NAGS HEAD/BODIE	NC
	IAT	WADESBORO	NC
	DCX	GRUNDY/BIG A MT	VA
7.435/6.835	EV	DALONEGA	GA
	BPV	HIGH POINT	NC
6.25 /6.85	DVJ	DALLAS	GA
	R	LAGRANGE	GA
	HON	WARNER ROBINS	GA
	CLL	BOWLING GREEN	KY
	IV	PIKEVILLE	KY
	VNO	BAY ST. LOUIS	MS
	JMD	BUDE	MS
	BWW	CLEVELAND	MS
	MFK	IUKA	MS
	LWC	KOSCIUSKO	MS
	CYP	GOLDSBORO	NC
	MDW	HICKORY/BRT. MT	NC
	YFT	REIDSVILLE	NC
	ULH	FLORENCE	SC
	KJH	GTLBG/COVE MTN	TN
	KOG	MEMPHIS	TN
	PCD	NASHVILLE	TN
	POX	PORTSMOUTH	VA
	ZBP	STAUNTON	VA
	BO	BECKLEY/FLAT TOP	WV
	L	BUCKHANNON	WV
6.265/6.865	DKY	MADISON	GA
	YF	BIG KNOB/GREY CT	SC
	G	FAYETTEVILLE	TN
7.465/6.865	DWU	ELLISVILLE	MS
	ZRS	WAXHAW	NC
	MZ	MOUNTAIN LAKE	VA
6.28 /6.88	TOM	COLUMBUS	GA
	YFR	MARIETTA	GA
	NKL	QUITMAN	GA
	HBB	SAVANNAH	GA
	OAU	LOUISVILLE	KY
	U	MAYTOWN	KY
	AI	SOMERSET	KY
	NNZ	JACKSON	MS
	AAY	PASCAGOULA	MS
	TOD	RALEIGH	NC
	NYR	SHELBY	NC
	AVU	COLUMBIA	SC
	CYZ	BRISTOL	TN
	ETE	MEMPHIS	TN
	TOA	NASHVILLE	TN
	SKH	OAK RIDGE	TN
	CYZ	BRISTOL	VA
	ZBE	RICHMOND	VA
	PDL	SALEM	VA
	CQV	CHARLESTON	WV
6.295/6.895	JBV	INDEPENDENCE	KY
	YFF	MADISON	NC
	KXV	VIRGINIA BEACH	VA
6.30 /6.90	WVH	IRVINGTON	KY
	SP	FAIRMONT	WV
6.31 /6.91	FOW	CLEVELAND/LONG	GA
	HYB	GRIFFIN	GA
	GFY	MOREHEAD	KY
	VV	HERNANDO	MS
	OCM	NATCHEZ	MS
	ZGQ	AHOSKIE	NC
	MOE	ASHVL/SPIVEY MT	NC
	YZF	FAYVLLE/CFARS	NC
	IZM	LEXINGTON	NC
	BWZ	WHITE HALL	SC
	GZX	CLEVELAND	TN
	DQU	SAVANNAH	TN
	YXA	SHORT MTN	TN
	AXH	CHASE CITY	VA
	TUE	MT.LAKE/BALD KNB	VA
	FMD	TYSONS CORNER	VA
	ULB	MCMECHEN	WV
6.325/6.925	ASI	COVINGTON	GA
	PJR	JESUP	GA
	VOJ	CORINTH	MS
	TFZ	CHARLOTTESVILLE	VA
	GJG	DANVILLE(DCC)	VA
	OGY	PRINCETON/PIPEST	WV
6.34 /6.94	N	AUGUSTA	GA
	VO	ROME/MT. ALTO	GA
	RVB	WRIGHTSVILLE	GA
	SN	ASHLAND	KY
	WZH	GLASGOW	KY
	NTB	MURRAY	KY
	SBK	JACKSON	MS
	JMD	MCCOMB	MS
	DLH	BURGAW	NC
	BFB	CHARLOTTE	NC
	BFT	DURHAM	NC
	ACY	MANTEO/WANCHESE	NC
	ZAS	MT AIRY-RTTY	NC
	IQQ	GREENVILLE	SC
	GBI	KNOXVILLE	TN
	BN	MEMPHIS	TN
	PCD	NASHVILLE	TN
	UMI	HAMPTON	VA
	ZA	RICHMOND	VA
	AP	ROANOKE	VA
	VKB	SUMMERSVILLE	WV
	JN	WEIRTON	WV
7.54 /6.94	CSW	NEW MARTINSVLLE	WV
6.355/6.955	KIN	PERRY	GA
	PRE	ROCKY TOP MT	GA
	OCP	RABBIT HASH	KY
	ULA	ROCKINGHAM	NC
	MZ	ONEIDA PEAK/BLF	VA
6.37 /6.97	OD	ATLANTA	GA
	HBB	SAVANNAH	GA
	DPP	HENDERSON	KY
	MJM	MERIDIAN	MS
	ZAS	MT AIRY	NC
	JQ	SMITHFIELD	NC
	SZ	ANDERSON	SC
	ISM	FLORENCE	SC
	TRC	KNGSPT/BAYS MT	TN
	MWQ	MCMINNVILLE	TN
	BEZ	MEDINA	TN
	SKH	OAK RIDGE	TN
	FPM	MANASSAS	VA
	WRN	MIDDLEBROOK	VA
	KXV	VIRGINIA BEACH	VA
	E	LOGAN/WARD RK MT	WV
	CRW	PARKERSBURG	WV
6.38 /6.98	BEJ	ELIZABETHTOWN	KY
6.385/6.985	I	AUGUSTA	GA
	HHH	ELLIJAY/TALONA M	GA
	TOV	PRESTON	GA
	UUB	ST. MARYS	GA
	DMT	SENATOBIA	MS
	OGB	ALBEMARLE	NC
	PVE	MARION	NC
	ESG	MT PLEASANT	SC
	CA	ROANOKE/POOR MT	VA
	EIV	CHARLES TOWN	WV
6.40 /7.00	NNO	ATLANTA	GA
	UFH	CORINTH	MS
	QFX	WATER VALLEY	MS
	AZA	HIGH POINT	NC
	FVO	JACKSONVILLE	NC
	YLT	MARION	SC
	YXZ	PICKENS	SC
	FZJ	MEMPHIS	TN
	HMT	SUFFOLK/GASBURG	VA
	GDY	ST ALBANS	WV
7.60 /7.00	DXZ	LANETT(AL)	GA
	WAU	ELKHORN CITY	KY
	LR	SHELBYVILLE	KY
	BX	COLUMBUS	MS
	KMG	BLOUNTVILLE	TN
	ZOK	CHATT/SIGNAL MT	TN
	SGA	CLARKSVILLE	TN
	ZR	TERRA ALTA	WV
6.415/7.015	M	LYNCHBURG	VA
	AXO	NORTON/HIGH KNOB	VA
7.615/7.015	MST	BONAIRE	GA
	FOW	CLEVELAND/LONG	GA
	UM	HINESVILLE	GA
	KPF	LK NORMN/CLT	NC
	UMU	SUMTER	SC
	JVV	LEBANON	TN
	RHV	ROCKWOOD	TN
	YGM	UNION CITY	TN
	LNT	FREDRICKSBURG	VA
6.43 /7.03	D	LAUREL	MS
	YTZ	ROCK HILL	SC
	MVR	LEXINGTON	TN
	ZJM	MEMPHIS	TN
	ODR	MILLINGTON	TN
	JST	RICHMOND	VA
7.63 /7.03	REI	ATLANTA/AIRPORT	GA
	C	GLASGOW	KY
	ZVL	HOPKINSVILLE	KY
	PJZ	LOUISVILLE	KY
	A	OWENSBORO	KY
	LDD	OCEAN SPRINGS	MS
	GG	GREENSBORO	NC
	DTS	ROANOKE RAPIDS	NC
	FOF	BARNWELL	SC
	HOG	N. MYRTLE BEACH	SC
	NIQ	FAYETTEVILLE	TN
	PRQ	MORRISTOWN	TN
	BLD	WAYNESBORO	VA
	IT	MULLENS	WV
	ECC	ST MARYS/BENS R	WV
6.445/7.045	FLR	FAYETTEVILLE	NC
	CNS	ROB/JOANNA BLD	NC
	YVM	ARLINGTON	VA
7.645/7.045	TYM	METTER	GA
	VTD	WATKINSVILLE	GA
	JRL	STATSVL/ASBRY MT	NC
	HKZ	COOKEVILLE	TN
	AYN	NASHVILLE	TN
	RAG	STAUNTON/EL. KB	VA
	SBC	VIRGINIA BEACH	VA

REPEATERS BY FREQUENCY

6.46 /7.06	CQ	CHARLOTTE	NC
	TJY	KNOXVILLE	TN
	LBM	VOLENS	VA
	PNC	PRINCETON	WV
7.66 /7.06	DDI	MACON	GA
	CLA	ROSWELL	GA
	UCJ	THOMASVILLE	GA
	WQ	PADUCAH	KY
	K	HATTIESBURG	MS
	LED	MACO	NC
	VFR	SUMTER/SHAW	SC
	MQQ	MEMPHIS	TN
	QEB	SHELBYVILLE	TN
	ECM	CHESTERFLD CO	VA
	KNM	POINT PLEASANT	WV
7.67 /7.07	NMC	LOUISVILLE	KY
6.475/7.075	VGZ	BURLINGTON	NC
7.675/7.075	JXR	SNELLVILLE	GA
	Y	JACKSON	MS
	HBQ	BURLINGTON	NC
	L	NEWTON	NC
	GBI	KNOXVILLE	TN
	PNT	WAYNSBR/BEAR DEN	VA
7.69 /7.09	CVE	ST SIMONS ISL	GA
	ZAC	HARLAN	KY
	YK	PHELPS	KY
	DSN	A;MORY	MS
	MRS	NEW HEBRON	MS
	GDF	GREENVL/ESTN NC	NC
	RDN	ORANGEBURG	SC
	JLA	SPARTANBURG	SC
	ATI	GERMANTOWN	TN
	BSA	SPARTA/BON AIR	TN
	VL	GALAX/BRIRP MT	VA
7.705/7.105	YSB	ATLANTA	GA
	D	STATESBORO	GA
	FGA	MARION	KY
	JCK	MONROE	NC
	GHH	MOUNTAIN HOME	NC
	TC	HENDERSON	TN
	JBJ	BEDFORD	VA
	JTH	MT STORM	WV
	APG	SPENCER	WV
6.09 /7.11	LZR	LOGAN	WV
7.72 /7.12	MM	ALBANY	GA
	S	AUGUSTA	GA
	CMA	CEDARTOWN	GA
	U	BENTON	KY
	ASZ	WINCHESTER	KY
	N	ACKERMAN	MS
	REW	GAST/SPCR MT	NC
	IKY	GIBSONVILLE	NC
	EWL	ROCKY MOUNT	NC
	JMT	MYRTLE BEACH	SC
	GMV	MEMPHIS	TN
	EAJ	OAK RIDGE	TN
	FAF	CULPEPER	VA
	DKM	BRIDGEPORT	WV
7.735/7.135	BZJ	DALTON	GA
	Y	VALDOSTA	GA
	CJS	BREVARD/RICH MTN	NC
	ABW	CHERAW	SC
	EDS	ALAMO	TN
	AZJ	PEARISBURG	VA
	HB	RICHMOND	VA
7.75 /7.15	TFW	ALBANY	GA
	BYK	CUMMING/SAWNEE	GA
	[illegible]	PEARL	MS
	VLY	MORGANTON	NC
	TQD	RALEIGH	NC
	BJM	MONCKS CORNER	SC
	SDT	SIMPSONVILLE	SC
	PCD	NASHVILLE	TN
	EAJ	OAK RIDGE	TN
	QJZ	JEWEL RIDGE	VA
	SVR	ST ALBANS	WV
7.765/7.165	TCU	DOUGLAS	GA
	MWA	DICKS KNOB	KY
	RIS	HIGH POINT	NC
	VIA	GREENWOOD	SC
	CEX	PURYEAR	TN
	CTF	NEWPORT NEWS	VA
	FJT	WARRENTON	VA
7.78 /7.18	BMA	AUGUSTA	GA
	NHW	BALDWIN	GA
	BI	SYCAMORE	GA
	H	BAXTER	KY
	RBI	DIXON	KY
	UDQ	INVERNESS	MS
	LFP	PICAYUNE	MS
	EJJ	SANFORD	NC
	CTJ	WILMINGTON	NC
	NAT	DORCHESTER	SC
	SC	FT MILL/CAROWND	SC
	KOG	MEMPHIS	TN
	PCD	NASHVILLE	TN
	DES	POLK CTY/OSWALD	TN
	Z	PKS KB/PULASKI	VA
	NMT	LEON	WV
7.795/7.195	SMX	ATLANTA	GA
	RD	CAIRO	GA
	NIN	LENOIR	NC
	WB	MURPHY	NC
	RTS	LYNCHBURG	VA
	H	HORSEPEN MT	WV
7.81 /7.21	SG	CONYERS	GA
	TO	SAVANNAH	GA
	BUZ	GREENSBORO	NC
	MSD	WHITEVILLE	NC
	AVU	LITTLE MT.	SC
	WS	COOKEVILLE	TN
	WKZ	JACKSON	TN
	IWG	MCLEAN	VA
	TC	CHARLESTON	WV
7.825/7.225	ZUN	JEFFERSON	GA
	LVY	SUMMERVILLE	GA
	WMH	OLIVE BRANCH	MS
	WTX	HILLSBOROUGH	NC
	DTW	SANTEE	SC
	OAH	MORRISTOWN	TN
	C	HARRISONBURG	VA
	SDC	YORKTOWN	VA
	NRK	PRINCETON	WV
7.84 /7.24	NFG	IRWINTON	GA
	DII	ASHLAND	KY
	AVE	FAIR DEALING	KY
	AI	FRANKFORT	KY
	NAR	MAYFIELD	KY
	R	TUPELO	MS
	NIW	CARTHAGE	NC
	ACP	EDEN	NC
	PBG	FOREST CITY	NC
	GHZ	FRANKLIN	NC
	BAL	HILTON HEAD	SC
	AC	LANCASTER	SC
	BKY	GALLATIN	TN
	OG	LUNENBURG CT.HSE	VA
	FQR	WOODBRIDGE	VA
7.855/7.255	KDT	ATLANTA	GA
	CO	HIGHLAND HEIGHTS	KY
	AV	ASHEBORO	NC
	KNI	HENDSVL/PENIC/MT	NC
	SI	PETROS	TN
	TVS	ACCOMAC	VA
	CYZ	DANTE	VA
	VAZ	MARTINSBURG	WV
7.885/7.255	BZU	DONELSON	TN
7.87 /7.27	VBH	AMERICUS	GA
	KWT	LOUISVILLE	KY
	GEL	PIKEVILLE	KY
	USN	ABERDEEN	MS
	SXK	VICKSBURG	MS
	H	BENSON	NC
	SM	WAYNESVILLE	NC
	LET	CHARLESTON	SC
	JRJ	SENECA/LONG MT	SC
	BKY	GALLATIN	TN
	FH	JOHNSON CITY	TN
	OWI	MEMPHIS	TN
	TMC	PINSON	TN
	GX	GUM SPRING	VA
	BHP	SCOTT DEPOT/COAL	WV
7.885/7.285	EVD	ASHBURN	GA
	VBX	ATLANTA/GPCO	GA
	FGA	MARION	KY
	ADM	AIKEN	SC
	DCD	MYT BEA/BRKSVLLE	SC
	MGM	ROCKY SPUR	SC
	MJM	PIKEVILLE	TN
	L	MARTINSVILLE	VA
	HON	SPRUCE KNOB	WV
7.90 /7.30	ACY	PERRY	GA
	HNM	ROME	GA
	U	SALYERSVILLE	KY
	SJH	SPRINGFIELD	KY
	LNY	MAGEE	MS
	LNY	MAGEE	MS
	YJG	JEFFERSON	NC
	MZP	RED SPRINGS	NC
	OMV	TUCKASEGEE	NC
	LWS	MT. PLEASANT	SC
	BBB	KNOXVILLE	TN
	ADT	MEMPHIS	TN
	ZSA	NASHVILLE	TN
	SPS	FRANKLIN	VA
	ZR	LEXINGTON	VA
	TSC	WINCH/BLUEMONT	VA
	NSL	HARRISVL/PENSBRO	WV
7.915/7.315	REB	TWIN CITY	GA
	IL	SALEM	KY
	RBW	WALKERTOWN	NC
	HFH	ALEXANDRIA	VA
	MR	CLARKSBURG	WV
7.92 /7.32	HWQ	GRUNDY	VA
7.93 /7.33	BXO	LAGRANGE	GA
	DIP	TOCCOA	GA
	KWH	ASHLAND	KY
	CJJ	BOWLING GREEN	KY
	KNE	MT. STERLING	KY
	IUI	PROVIDENCE	KY
	EPP	PHILADELPHIA	MS
	LPL	FAYVLLE/FT BRAGG	NC
	K	LENOIR/HIBRITN	NC
	NUY	COLUMBIA	SC
	VXW	COVINGTON	TN
	CV	CROSSVILLE	TN
	AJS	NASHVILLE	TN
	PQD	LEXNGTN/ROCK MT.	VA
	ZIP	WARSAW	VA
7.94 /7.34	NEQ	ATLANTA/MARIETTA	GA
7.945/7.345	IZD	LYNCH/BLACK MT	KY
	NYR	SHELBY	NC
	TEP	WASHINGTON	NC
	WF	HENDERSONVILLE	TN
	SJM	GLADYS	VA
	RUA	FRANKLIN	WV
	K	LOGAN/SUMERCO	WV
7.96 /7.36	EO	DOUGLASVILLE	GA
	HZX	DUBLIN	GA
	Z	LOUISVILLE	KY
	ZAG	LOUISVILLE	MS
	SVC	NATCHEZ	MS
	KDE	BOONE/RICH MTN	NC
	LDB	DURHAM	NC
	Z	LUMBERTON	NC
	OAK	KNXVL/CROSS MT	TN
	MMI	MEMPHIS	TN
	NTM	NASHVILLE S.	TN
	KLX	PARIS	TN
	MMI	POCAHONTAS	TN
	CBB	CHESTERFIELD	VA
	OLM	STUARTS DRAFT	VA
7/96 /7.36	CJR	HATTIESBURG	MS
7.975/7.375	TQU	ATHENS	GA
	VEK	LAFAYETTE	GA
	CO	WALTON	KY
	YN	BURNSVILLE	NC
	ROK	GREENVILLE	NC
	DMI	GEORGETOWN	SC
	LEO	GREENVILLE	SC
	ILD	LYNCHBURG	VA
	NV	VIRGINIA BEACH	VA
	LNB	GRAFTON	WV
	WMX	ST ALBANS	WV
7.98 /7.38	NAY	PONTOTOC	MS
7.99 /7.39	IMK	THOMASTON	GA
	NON	COVINGTON	KY
	NS	CUSTER	KY
	MTN	LA GRANGE	KY
	PDJ	WHTSBRG/PINE MT.	KY
	UNA	PRENTISS	MS
	CHZ	AQUADALE	NC
	PLY	CHARLOTTE	NC
	QBG	EDEN/STONEVILLE	NC
	FAU	SHALLOTTE	NC
	FEC	LEXINGTON	SC
	TA	CLARKSVILLE	TN
	DRL	COVINGTON	TN
	ZLA	DAYTON/RHEA CTY	TN
	DWQ	SULPHUR SPRINGS	TN
	AJO	MADISON	VA
	ARO	PETERSBURG	VA
	CRW	PARKERSBURG	WV
6.19 /7.51	HBY	MEMPHIS	TN
7.075/7.675	NGQ	FRANKFORT	KY
7.165/7.765	HBM	LEXINGTON	KY
7.315/7.915	SPJ	FORSYTH	GA

220 MHZ

3.94 /2.34	DBB	BEDFD/APL ORCH	VA
3.50 /3.50	TFZ	CHARLOTTESVILLE	VA
2.12 /3.72	KHP	STERLING PARK	VA
2.14 /3.74	VMI	LEXINGTON	KY
2.30 /3.90	NSO	GAINESVILLE	GA
	RAB	HERMITAGE	TN
2.32 /3.92	AZA	HIGH POINT	NC
2.34 /3.94	UPC	YORKVILLE	GA
	QK	ASHLAND	KY
	BVW	ASHVL/MT PISGAH	NC
	WTX	HILLSBOROUGH	NC
	GP	CLARKSVILLE	TN
	ZJM	MEMPHS/FRAYSER	TN
2.38 /3.98	APS	VALDOSTA	GA
	HUV	LINWOOD	NC
	ILY	GREER	SC
	ZSA	GALLATIN	TN
2.40 /4.00	HQ	DELTAVILLE	VA
2.42 /4.02	JEH	CONYERS	GA
	EHF	FAYETTEVILLE	NC
	MDW	HICKORY	NC
	TB	NASHVILLE	TN
2.44 /4.04	BZJ	DALTON	GA
2.46 /4.06	UPC	YORKVILLE	GA
	N	PICKENS/SASFR MT	SC
	BZS	WNTRPLACE/FLT TP	WV
2.48 /4.08	GIS	CARTERSVILLE	GA
	CII	RIDGEVILLE	SC
	UEX	NASHVILLE	TN
2.50 /4.10	F	CORNELIA	GA
	YHD	FAIRFAX	VA
	DBB	ROANOKE	VA
2.52 /4.12	NFP	ATLANTA/MARIETTA	GA
	FEC	LITTLE MT	SC
	MEY	NASHVILLE	TN
2.54 /4.14	WOR	GREENSBORO	NC
	QHF	PICKENS/CSRS HD	SC
	SGS	FRANKLIN	TN
	YYW	WILLIAMSON	WV
2.56 /4.16	K	LENOIR/HIBRITN	NC
2.58 /4.18	YNY	RIEGELWOOD	NC
	DAS	VIRGINIA BEACH	VA
2.60 /4.20	UA	AUGUSTA	GA
	YTU	BROWNSVILLE	TN
	PEA	HAMPDEN-SYDNEY	VA
2.62 /4.22	ACP	MAYODAN MT	NC
	C	ROCKY MOUNT	NC
	FZK	KNOXVILLE	TN
	AWB	NASHVILLE	TN
	EHB	SPRINGFIELD	TN
2.64 /4.24	KNI	HENDSVL/BERWLW M	NC
2.66 /4.26	NP	SHORT MTN.	TN
2.68 /4.28	BLR	ATLANTA	GA
	M	LYNCHBURG	VA
2.70 /4.30	PVI	STATESVILLE	NC
2.72 /4.32	JBF	THOMASVILLE	GA
	TEM	KNOXVILLE	TN
2.74 /4.34	DOC	ATLANTA	GA
2.76 /4.36	TYO	MARSHALL	NC
2.78 /4.38	RBT	CLEVELAND	GA
	GJG	DANVILLE	VA
2.80 /4.40	ZC	CHARLT/MINT HL	NC
	YGI	COLLIERVILLE	TN
2.82 /4.42	BS	MEMPHIS	TN
	KHP	FAIRFAX	VA
	NDQ	NORTON/HIGH KB	VA
2.84 /4.44	OG	NASHVILLE	TN
2.86 /4.46	YON	KNOXVILLE	TN
2.88 /4.48	PRH	NORCROSS	GA
	ZIA	LOCUST	NC
	QC	PARSONS	WV
2.90 /4.50	TYP	BILOXI	MS
	YNY	WILMINGTON	NC
	BBB	KNOXVILLE	TN
	DRL	MEM/FISHERVILLE	TN
	BVI	MARTINSVILLE	VA
2.92 /4.52	KSM	CANTON	GA
2.94 /4.54	BVW	MT MITCHELL	NC
2.96 /4.56	DOC	ATL/CHESTNUT MT	GA
2.98 /4.58	F	PIKEVILLE	KY
	YHH	SAURATOWN MT	NC
	VFD	CROSS	SC
3.00 /4.60	N	ASHEVILLE	NC
	NNR	HIGH POINT	NC
3.02 /4.62	ZTL	ATLANTA/BELL	GA
	ETG	PIKEVILLE	KY
3.04 /4.64	PEN	RALEIGH	NC
	YHH	WINSTON-SALEM	NC
	MQG	CHATTANOOGA	TN
3.06 /4.66	BKM	MACON	GA
	TYO	MARS HILL	NC
	MEY	NASHVILLE	TN
3.08 /4.68	KPF	LK NORMN/CLT	NC
3.18 /4.68	SLJ	DALTON	GA
3.10 /4.70	IQR	ATLANTA	GA
	GY	BAY ST. LOUIS	MS
	RXG	SAURATOWN MT	NC
3.12 /4.72	MSK	MT. TOXAWAY	NC
	KHP	TYSONS CORNER	VA
3.14 /4.74	KVC	DALTON	GA
	TFU	BURNSVILLE	NC
	FG	KINGSTON/LICK KB	WV

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DISTRIBUTION OF REPEATERS BY FREQUENCY

3.16 /4.76	BOC	STONE MT	GA
	EXU	SALISBURY	NC
	OAK	DAN/WHT OAK	VA
3.18 /4.78	D	ACKERMAN	MS
	VCM	CHATTANOOGA	TN
	UCI	JC/BUFFALO MT	TN
	KOG	MEMPHIS	TN
3.20 /4.80	PML	MORGANTON	NC
3.22 /4.82	C	ATLANTA	GA
	MOP	LOUISVILLE	KY
	D	ACKERMAN	MS
	DWU	CANTON	NC
	KQI	GREENSBORO	NC
	CCF	ALEXANDRIA	VA
3.24 /4.84	ACY	PERRY	GA
	DAN	GRIFTON	NC
	OG	NASHVILLE	TN
	PLV	BEDFORD	VA
3.26 /4.86	DWQ	SULPHUR SPRINGS	TN
	UHA	NEWPORT NEWS	VA
3.28 /4.88	UPC	YORKVILLE	GA
	RXG	SAURATOWN MT	NC
	DRL	FISHERVILLE	TN
3.30 /4.90	QPL	MARIETTA	GA
	MRB	COVINGTON	KY
	ST	PONTOTOC	MS
	EOY	COLUMBIA	SC
	ZOK	CHATT/SIGNAL MT	TN
3.34 /4.94	UPC	PINE LOG MT.	GA
	EV	ROSSVILLE	GA
	NKM	GREENEVILLE	TN
	PYI	NASHVILLE	TN
	GVC	CHESAPEAKE	VA
	DBB	ROANOKE/POOR MTN	VA
3.36 /4.96	UDS	CHERRYVILLE	NC
	JVX	GOLDSBORO	NC
	WTB	SAURATOWN MT	NC
	TUN	AIKEN	SC
	OLM	STUARTS DRAFT	VA
3.38 /4.98	JSR	CUMMING/SAWNEE	GA
	CHP	FALLS CHURCH	VA

440 MHZ

9.45 /5.67	DOC	ATLANTA	GA
9.25 /1.25	KIP	ATLANTA	GA
	PXX	BRUNSWICK	GA
	HUV	SAURATOWN MT	NC
	GUP	LEXINGTON	SC
	ERU	MEMPHIS	TN
	ZQ	NASHVILLE	TN
	O	MOUNDSVILLE	WV
9.250/1.250	TPI	PULASKI	TN

440 MHZ

9.25 /3.25	UMU	SUMTER	SC
	WIN	NORFOLK	VA
	NOJ	WAYNESBORO	VA
	MM	ALBANY	GA
	AOH	OWENSBORO	KY
	NYR	SHELBY	NC
1.25 /9.25	ERU	MEMPHIS	TN
6.25 /9.25	FHL	ROANOKE/POOR MT.	VA
1.60 /1.60	LJV	MEMPHIS	TN
7.00 /2.00	IH	MARION	VA
	CSG	WINCHESTER	VA
7.025/2.025	JA	AUGUSTA	GA
7.05 /2.05	DXZ	LANETT(AL)	GA
	XV	JASPER	TN
	BEZ	MEDINA	TN
7.10 /2.10	ACP	MAYODAN	NC
	ABJ	MILAN	TN
7.125/2.125	PLP	ROSSVILLE	GA
7.15 /2.15	BEA	RALEIGH	NC
7.150/2.150	TPI	PULASKI	TN
7.175/2.175	EO	ROCKY FACE	GA
	YUY	ROANOKE	VA
7.20 /2.20	APR	DECATUR	GA
	BJY	OAKFIELD	TN
	LNB	GRAFTON	WV
7.25 /2.25	HTI	COVINGTON	VA
7.275/2.275	VTT	MACON	GA
7.30 /2.30	VFD	CROSS	SC
7.325/2.325	JSR	CHATTANOOGA	TN
7.40 /2.40	ZUS	PICKENS/CSRS HD	SC
	YI	LYNCHBG/JACK MT.	VA
7.50 /2.50	MLF	LOUISVILLE	KY
	NTZ	KNOXVILLE	TN
	CA	ROANOKE/POOR MT	VA
7.500/2.500	YNY	WILMINGTON	NC
7.55 /2.55	JEH	CONYERS	GA
7.625/2.625	AY	GAINSVILLE	GA
	EPG	MEMPHIS	TN
7.70 /2.70	AZU	SAVANNAH	GA
	VG	ROANOKE/POOR MT.	VA
7.80 /2.80	EPG	JACKSON	TN
7.825/2.825	G	MEMPHIS	TN
7.90 /2.90	AZA	HIGH POINT	NC
7.925/2.925	ASI	COVINGTON	GA
7.95 /2.95	FU	LYNCHBURG	VA
8.00 /3.00	EO	CHATSWORTH	GA
	LUR	LAKE CITY/CRS MT	TN
	ZJM	MEMPHIS	TN
	VL	GALAX/PT LOOKOUT	VA
8.05 /3.05	JVX	GOLDSBORO	NC
	PVB	MT JULIET	TN
8.10 /3.10	IZD	LYNCH/BLACK MT	KY
	GGC	SAURATOWN MT	NC
	N	GRNVLE/PARIS MT	SC
	G	FAYETTEVILLE	TN
	FHE	BUCKHANNON	WV
8.15 /3.15	S	AUGUSTA	GA
8.20 /3.20	CLA	SWEAT MT	GA
8.30 /3.30	KQI	STATESVILLE	NC
	KJH	GATLBG/COVE MT	TN
8.325/3.325	JMD	STOCKBRIDGE	GA
	JMD	STOCKBRIDGE	GA
8.35 /3.35	FLU	RICHMOND	VA
8.40 /3.40	WTB	SAURATOWN MT	NC
	TUN	AIKEN	SC
	GMT	CUMBERLAND CITY	TN
	QWW	MEMPHIS	TN
8.425/3.425	SQC	J.CITY/HOLSTN MT	TN
8.45 /3.45	VEK	HIGH PT/LOOKT MT	GA
8.50 /3.50	LVH	ATLANTA	GA
	X	LAUREL	MS
	PQZ	GREENSBORO	NC
	WKS	PARIS/GROVE HL	TN
	GUS	TYSONS CORNER	VA
8.55 /3.55	LVH	ATLANTA/SE	GA
	XE	ROARING GAP	NC
8.60 /3.60	BA	MARIETTA	GA
	DWU	MT MITCHELL	NC
8.625/3.625	PTK	JAMESTOWN	TN
8.65 /3.65	ZV	ATLANTA	GA
	D	ACKERMAN	MS
	UMI	HAMPTON	VA
	BON	ROANOKE/POOR MT.	VA
8.70 /3.70	LXW	HIGH POINT	NC
	LBT	LOCUST	NC
8.75 /3.75	TF	COVINGTON	GA
	EDS	ALAMO	TN
	WIC	WINDY GAP MT	VA
8.80 /3.80	OKS	JASPER/BIG BUCK	GA
	IAT	NATCHEZ	MS
	HNK	SUMMERVILLE	SC
	NDH	CHESAPEAKE	VA
	VA	INDEPENDNCE HILL	VA
	JRL	WYTHEVILLE	VA
8.85 /3.85	PN	WALESKA/PNLOG MT	GA
	IDB	FRANKLIN	TN
8.875/3.875	MZ	HAW RIVER	NC
	LZQ	CAESARS HEAD	SC
8.90 /3.90	GWA	GRIFFIN	GA
	EVG	CHESAPEAKE	VA
8.925/3.925	IU	RINGGOLD	GA
8.95 /3.95	RYF	MEMPHIS	TN
	NTG	WILLIAMSBURG	VA
8.975/3.975	BRN	MEMPHIS	TN
9.00 /4.00	QDX	LAWRENCEVILLE	GA
	CO	JACKSON	MS
	YP	SELMA	NC
	ADT	MEMPHIS	TN
	NEI	ROCKWOOD	TN
	SN	PORTSMOUTH	VA
	IT	MULLINS	WV
9.025/4.025	MSE	STONE MT	GA
	RDK	MEMPHIS	TN
9.05 /4.05	PQD	MARIETTA	GA
	OG	NASHVILLE	TN
	OLM	STUARTS DRAFT	VA
9.10 /4.10	;MN	BOWLING GREEN	KY
	WTT	LOUISVILLE	KY
	WUX	MERIDIAN	MS
	WTX	DURHAM	NC
	AM	CHATTANOOGA	TN
	JXT	MEMPHIS	TN
	RAG	STAIMTPM/EL KNB	VA
9.15 /4.15	ZTL	ATLANTA/BELL	GA
	BJT	CLERMONT HARBOR	MS
	NTM	NASHVILLE	TN
	DUM	LEXNGTN/ROCK MT.	VA
	VA	SPRINGFIELD	VA
9.175/4.175	HON	SPRUCE KNOB	WV
9.20 /4.20	LBM	DECATUR	GA
	QHN	PHENIX CITY (AL)	GA
	YZU	ELIZABETHTOWN	KY
	LB	COLUMBIA	SC
	YTU	BROWNSVILLE	TN
	NEX	MORRISTOWN	TN
	ECM	CHESTER/ENON	VA
	EZA	WAYNESBORO	VA
9.25 /4.25	BOC	ATLANTA/STONE MT	GA
	KNI	HENDSVL/BERWLW M	NC
	F	SMITHFIELD	NC
	PAJ	BARTLETT	TN
	RM	SMYRNA	TN
	TFZ	CHARLOTTESVILLE	VA
9.30 /4.30	WOR	GREENSBORO	NC
	MNH	CHARLESTON	SC
	DRL	FISHERVILLE	TN
	GBI	KNOXVILLE	TN
9.325/4.325	BA	MARIETTA	GA
9.35 /4.35	JF	TIFTON	GA
	OCP	HIGHLAND HEIGHTS	KY
	BKY	GALLATIN	TN
	DBB	BEDFD/APL ORCH	VA
9.375/4.375	BFD	MT OGELTHORPE	GA
9.40 /4.40	ZW	FAYETTEVILLE	NC
	KOG	MEMPHIS	TN
	EAJ	OAK RIDGE	TN
	ARO	PETERSBURG	VA
	BZS	BECKLEY	WV
9.425/4.425	ISI	ALTAVISTA	VA
9.45 /4.45	YTU	BROWNSVILLE	TN
	KWP	GALLATIN	TN
	CRK	FALLS CHURCH	VA
9.50 /4.50	MM	ALBANY	GA
	UWL	ATLANTA	GA
	APA	HENDERSON	KY
	MOP	LOUISVILLE	KY
	ICX	LEXINGTON	NC
	PEN	RALEIGH	NC
	LSP	BRISTOL/HLST MT	TN
	KSL	KNOXVILLE	TN
	IZF	MEMPHIS	TN
	HEX	LYNCHBURG	VA
9.55 /4.55	NEF	TYRONE	GA
	JPA	HAMPTON	VA
9.575/4.575	OG	NASHVILLE	TN
9.60 /4.60	BFB	CHARLOTTE	NC
	NK	KNOXVILLE	TN
	JXI	MEMPHIS	TN
	HFH	ALEXANDRIA	VA
	EZR	HUNTINGTON	WV
9.625/4.625	WQ	ATLANTA	GA
	MZ	BLUEFIELD	VA
9.65 /4.65	IBW	SMYRNA	GA
	ST	PONTOTOC	MS
	HF	SALISBURY	NC
	NKM	GREENEVILLE	TN
	ARO	RICHMOND	VA
	QC	PARSONS	WV
9.675/4.675	EBZ	NEWNAN	GA
	AY	NASHVILLE	TN
9.70 /4.70	HHH	ELLIJAY TALONA M	GA
	APS	VALDOSTA	GA
	▮	BRANDON	MS
	JEH	ROCKY MOUNT	NC
	DRU	MT PLEASANT	SC
	MMI	MEMPHIS	TN
	LG	MORGANTOWN	WV
9.75 /4.75	EMM	CONYERS	GA
	VZF	STARKVILLE	MS
	TC	HENDERSON	TN
	KQI	FOREST	VA
	JYF	TYSONS CORNER	VA
9.775/4.775	NEQ	ATLANTA/MARIETTA	GA
	OES	NASHVILLE	TN
9.80 /4.80	BEJ	ELIZABETHTOWN	KY
	CO	JACKSON	MS
	J	GREENVILLE	NC
	UY	MT AIRY/FSH PK	NC
	JXI	MEMPHIS	TN
	LP	MORRISTOWN	TN
	MIC	OILVILLE	VA
	FRV	KINGSTON/BKLY	WV
	CUL	MORGANTOWN	WV
9.825/4.825	ZBP	STAUNTON	VA
4.85 /4.85	BZJ	DALTON	GA
9.85 /4.85	NFP	ATLANTA/MARIETTA	GA
	CQ	CHARLOTTE	NC
	GMP	WILMINGTON	NC
	ARO	RICHMOND	VA
9.875/4.875	LRD	CHATTANOOGA	TN
	BOX	JACKSON	TN
	FMD	JANE LEW	WV
9.90 /4.90	RNW	LOUISVILLE	KY
	D	ACKERMAN	MS
	COS	ASHVL/MT PISGAH	NC
	ZW	FAYETTEVILLE	NC
	VBC	NEW BERN	NC
	J	WILSON	NC
	MMI	MEMPHIS	TN
	FQR	WOODBRIDGE	VA
9.925/4.925	NNO	ATLANTA	GA
	BUH	ANDERSON/SAS MT	SC
	ETE	MEMPHIS	TN
9.95 /4.95	I	AUGUSTA	GA
	KIN	PERRY	GA
	WXL	RALEIGH	NC
	SIR	BENTON/BEAN MT	TN
	GP	CLARKSVILLE	TN
	KQQ	MEMPHIS	TN
	WRN	STAUNTON	VA
	KXV	VIRGINIA BEACH	VA
	CQV	S. CHARLESTON	WV
9.975/4.975	YNZ	ATLANTA	GA
	TVE	BRUNSWICK	GA
	TAT	ASHLAND	KY
	NS	CUSTER	KY
	QES	NASHVILLE	TN
	EKT	WHEELING	WV
6.65 /6.65	DBB	ROANOKE	VA
4.225/9.225	JCE	MANASSAS	VA
4.60 /9.60	SJH	SPRINGFIELD	KY
4.825/9.825	DOC	ATLANTA	GA
4.925/9.925	TSC	WINCH/BLUEMONT	VA
6.25 /3.25	HEX	LYNCHBURG	VA
2.01 /ACON	DRL	FISHERVILLE	TN

1270 MHZ

1270 MHZ

1.40 /1.40	DOC	ATL/CHESTNUT MT	ga
2.00 /2.00	AQS	CALHOUN/JASPER	ga

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SERA REPEATER INDEX LISTINGS BY CITY-BY-STATE

NORTH CAROLINA REPEATERS

2 METERS

AHOSKIE	WB4YNF	144.53	145.13	N	A
AHOSKIE	WA4ZGQ	146.31	146.91	☆	PA
ALBEMARLE	K4OGB	146.385	146.985	☆	A
AQUADALE	WA4CHZ	147.99	147.39	☆	
ASHEBORO	KJ4AV	147.855	147.255	☆	PAL
ASHEVILLE	WA4QCO	146.235	146.835	☆	
ASHVL/MT PISGAH	WA4BVW	146.16	146.76	☆	
ASHVL/SPIVEY MT	W4MOE	146.31	146.91	☆	A
BENSON	AK4H	147.87	147.27	☆	A
BOONE/RICH MTN	WA4KDE	147.96	147.36	☆	
BREVARD/RICH MTN	WB4CJS	147.735	147.135	☆	A
BURGAW	W4DLH	146.34	146.94	☆	
BURLINGTON	WA4YGD	146.07	146.67	☆	A
BURLINGTON	W4VGZ	146.475	147.075	N	EA
BURLINGTON	WA4HBQ	147.675	147.075	N	EA
BURNSVILLE	N4YN	147.975	147.375	N	A
CARTHAGE	W4NIW	147.84	147.24	☆	PA
CHARLOTTE	W4BFB	144.63	145.23	☆	
CHARLOTTE	W4BFB	144.69	145.29	☆	A
CHARLOTTE	WA4AOS	144.75	145.35	☆	L
CHARLOTTE	W4BFB	146.34	146.94	☆	A
CHARLOTTE	W4CQ	146.46	147.06	☆	A
CHARLOTTE	WD4PLY	147.99	147.39	N	PA
CHARLOTTE/RTTY	W4BFB	146.175	146.775	☆	RO
CHERRY MT	WA4BKU	146.07	146.67	N	
CLINTON	WA4LZD	146.19	146.79	N	
CONCORD/KANNAP.	K4CEB	146.055	146.655	☆	PA
CROWDERS MT	WD4PLY	144.85	145.45	N	
DUNN	N4CID	146.10	146.70	☆	PA
DURHAM	WA4WTX	144.85	145.45	☆	AL
DURHAM	WA4BFT	146.34	146.94	N	A
DURHAM	WD4LDB	147.96	147.36	☆	
EDEN	WA4ACP	147.84	147.24	☆	T
EDEN/STONEVILLE	WA4QBG	147.99	147.39	☆	
ELIZABETH CITY	WA4VTX	146.055	146.655	N	A
FAYETTEVILLE	N4EWG	146.205	146.805	☆	
FAYETTEVILLE	WA4FLR	146.445	147.045	N	R
FAYVLLE/CFARS	WB4YZF	146.31	146.91	N	PA
FAYVLLE/FT BRAGG	W4LPL	147.93	147.33	☆	
FOREST CITY	K4PBG	147.84	147.24	☆	
FRANKLIN	W4ZCZ	144.89	145.49	☆	
FRANKLIN	W4GHZ	147.84	147.24	☆	
GAST/SPCR MT	W4REW	147.72	147.12	N	A
GASTONIA	K4NOQ	146.205	146.805	☆	PA
GIBSONVILLE	WB4IKY	147.72	147.12	☆	ARB
GOLDSBORO	K4CYP	146.25	146.85	☆	A
GREENSBORO	N4GGD	144.65	145.25	☆	A
GREENSBORO	K4SNI	146.01	146.61	☆	A
GREENSBORO	WA4MSS	146.16	146.76	☆	
GREENSBORO	W4GG	147.63	147.03	☆	PAL
GREENSBORO	W4BUZ	147.81	147.21	N	
GREENVILLE	N4GVK	144.75	145.35	☆	L
GREENVILLE	K4ROK	147.975	147.375	☆	A
GREENVL/ESTN NC	W4GDF	147.69	147.09	☆	
GRIFTON	W4NBR	146.085	146.685	☆	
HALIFAX	AA4SJ	146.07	146.67	N	A
HENDERSONVILLE	WB4YAO	146.04	146.64	N	L
HENDSVL/BERWLW M	WA4KNI	144.67	145.27	☆	A
HENDSVL/PENIC/MT	WA4KNI	147.855	147.255	☆	A
HICKORY/BRT. MT	WA4MDW	146.25	146.85	N	
HIGH POINT	N4XO	144.81	145.41	N	AO
HIGH POINT	K4AZA	146.40	147.00	☆	LA
HIGH POINT	KB4BPV	147.435	146.835	N	PAL
HIGH POINT	WA4RIS	147.765	147.165	☆	PA
HILLSBOROUGH	WA4WTX	147.825	147.225	☆	AL
JACKSONVILLE	WD4FVO	146.40	147.00	☆	A
JEFFERSON	W4YJG	147.90	147.30	☆	A
LAURINBURG	K4QWK	146.025	146.625	☆	A
LENOIR	N4NIN	147.795	147.195	☆	
LENOIR/HIBRITN	KN4K	147.93	147.33	☆	
LEXINGTON	WD4ICX	144.71	145.31	☆	AEA
LEXINGTON	K4IZM	146.31	146.91	☆	AEA
LK NORMN/CLT	WB4KPF	147.615	147.015	☆	PA
LONG BEACH	K4JYH	146.175	146.775	☆	
LUMBERTON	WV4Z	147.96	147.36	☆	PA
MACO	WA4LED	147.66	147.06	☆	PA
MADISON	KA4YFF	146.295	146.895	N	
MAGGIE VALLEY	W4HCY	147.405	146.805	☆	
MANTEO/WANCHESE	W4ACY	146.34	146.94	☆	
MARION	WD4PVE	146.385	146.985	☆	A
MAYODAN	WA4ACP	144.69	145.29	☆	
MILLERS CREEK	N4GGN	146.115	146.715	☆	A
MONROE	K4JCK	147.705	147.105	☆	A
MONROE/UCARS	KF4NJ	144.79	145.39	☆	PA
MORENTN/HI PK	WB4UDS	144.55	145.15	N	
MORGANTON	K4VLY	147.75	147.15	☆	
MOUNTAIN HOME	K4GHH	147.705	147.105	☆	
MT AIRY	WA4ZAS	146.37	146.97	N	EA
MT AIRY-RTTY	WA4ZAS	146.34	146.94	N	R
MT MITCHELL	WA4BVW	144.59	145.19	☆	
MT. AIRY	KD4J	144.73	145.33	☆	A
MURPHY	KC4WB	147.795	147.195	N	
N. WILKESBORO	N4AGN	144.77	145.37	☆	PA
NAGS HEAD/BODIE	N4JXG	146.235	146.835	☆	PA
NEW BERN	WD4JMS	146.01	146.61	☆	AL
NEWPORT	K4GRW	144.85	145.45	☆	ALO
NEWTON	AG4L	147.675	147.075	☆	A
NEWTON/ANDSN MT	W4ZQB	144.57	145.17	N	
OXFORD	N4EKK	144.57	145.17	N	PA
OXFORD	WA4MII	144.77	145.37	N	
RALEIGH	N4BEA	144.67	145.27	☆	PAL
RALEIGH	K4BWC	144.89	145.49	☆	R
RALEIGH	W4DW	146.04	146.64	N	PA
RALEIGH	K4BWC	146.13	146.73	☆	PA
RALEIGH	WB4TQD	146.28	146.88	N	L
RALEIGH	WB4TQD	147.75	147.15	N	PA
RANDLEMAN/GBO	WD4CVM	144.55	145.15	☆	L
RED SPRINGS	W4MZP	147.90	147.30	☆	PA
REIDSVILLE	K4YFT	146.25	146.85	N	
ROANOKE RAPIDS	WA4DTS	147.63	147.03	☆	
ROARING GAP	WB4PZA	146.22	146.82	☆	
ROB/JOANNA BLD	WD4CNS	146.445	147.045	N	
ROCKINGHAM	WA4ULA	146.355	146.955	N	
ROCKY MOUNT	K4EWL	147.72	147.12	☆	TEA
SALISBURY	W4EXU	146.13	146.73	☆	EAL
SANFORD	WB4EJJ	147.78	147.18	N	A
SAURATOWN MT	W4RXG	144.51	145.11	☆	R
SAURATOWN MT	WA4GIC	144.87	145.47	☆	
SAURATOWN MT	N4QDK	146.19	146.79	☆	PA
SHALLOTTE	K4PPD	144.77	145.37	☆	PA E
SHALLOTTE	N4FAU	147.99	147.39	☆	PA
SHELBY	W4NYR	146.28	146.88	☆	
SHELBY	W4NYR	147.945	147.345	☆	PA
SMITHFIELD	KD4JQ	146.37	146.97	☆	A
SPARTA/GREEN MT	K4ITL	144.83	145.43	N	L
SPRING LAKE	WB4KDC	146.115	146.715	N	
STATESVILLE	AI4O	146.085	146.685	☆	PA
STATSVL/ASBRY MT	WA4JRL	147.645	147.045	N	
SWANSBORO	KO4S	146.16	146.76	☆	
TABOR CITY	W4DCD	146.175	146.775	☆	ALRB
TRENTON	WB4TQD	144.61	145.21	N	L
TUCKASEGEE	W8OMV	147.90	147.30	N	
WADESBORO	WA4IAT	146.235	146.835	N	
WALKERTOWN	WA4RBW	147.915	147.315	☆	
WASHINGTON	WA4TEP	147.945	147.345	☆	
WAXHAW	WA4ZRS	147.465	146.865	☆	PA
WAYNESVILLE	N4SM	147.87	147.27	☆	A
WHITEVILLE	K4MSD	147.81	147.21	☆	AL
WILLIAMSTON	KA4KNU	144.81	145.41	☆	A
WILMINGTON	W4VNK	146.13	146.73	☆	PA
WILMINGTON	K4GMP	146.22	146.82	☆	L
WILMINGTON	N4CTJ	147.78	147.18	N	AL
WILSON	WB4THL	146.16	146.76	☆	A
WINSTON-SALEM	WA4GIC	146.04	146.64	☆	AL

220 MHZ

ASHEVILLE	NC4N	223.00	224.60	☆	L
ASHVL/MT PISGAH	WA4BVW	222.34	223.94	☆	
BURNSVILLE	N4TFU	223.14	224.74	N	
CANTON	N4DWU	223.22	224.82	☆	PA
CHARLT/MINT HL	KE4ZC	222.80	224.40	☆	
CHERRYVILLE	WB4UDS	223.36	224.96	N	
FAYETTEVILLE	W4EHF	222.42	224.02	☆	L
GOLDSBORO	WB3JVX	223.36	224.96	N	EAC
GREENSBORO	WB4WOR	222.54	224.14	☆	CK
GREENSBORO	KB4KQI	223.22	224.82	N	PAL
GRIFTON	WA4DAN	223.24	224.84	☆	L
HENDSVL/BERWLW M	WA4KNI	222.64	224.24	☆	
HICKORY	WA4MDW	222.42	224.02	N	
HIGH POINT	K4AZA	222.32	223.92	☆	LA
HIGH POINT	N4NNR	223.00	224.60	☆	PAL
HILLSBOROUGH	WA4WTX	222.34	223.94	☆	L
LENOIR/HIBRITN	KN4K	222.56	224.16	☆	
LINWOOD	KA4HUV	222.38	223.98	N	
LK NORMN/CLT	WB4KPF	223.08	224.68	☆	
LOCUST	WA4ZIA	222.88	224.48	☆	PAL
MARS HILL	KA4TYO	223.06	224.66	N	L
MARSHALL	KA4TYO	222.76	224.36	N	L
MAYODAN MT	WA4ACP	222.62	224.22	☆	T
MORGANTON	WB4PML	223.20	224.80	☆	T
MT MITCHELL	WA4BVW	222.94	224.54	☆	
MT. TOXAWAY	K4MSK	223.12	224.72	N	
RALEIGH	WA4PEN	223.04	224.64	☆	
RIEGELWOOD	K4YNY	222.58	224.18	N	L
ROCKY MOUNT	NF4C	222.62	224.22	☆	PA
SALISBURY	W4EXU	223.16	224.76	☆	L
SAURATOWN MT	WA4YHH	222.98	224.58	☆	
SAURATOWN MT	W4RXG	223.10	224.70	☆	R
SAURATOWN MT	W4RXG	223.28	224.88	☆	
SAURATOWN MT	WA4WTB	223.36	224.96	N	C
STATESVILLE	WA4PVI	222.70	224.30	☆	

MORE NORTH CAROLINA REPEATERS

WILMINGTON	K4YNY	222.90	224.50	N	CL
WINSTON-SALEM	WA4YHH	223.04	224.64	★	PA

440 MHZ

ASHVL/MT PISGAH	WA4COS	449.90	444.90	N	
CHARLOTTE	W4BFB	449.60	444.60	★	
CHARLOTTE	W4CQ	449.85	444.85	★	
DURHAM	WA4WTX	449.10	444.10	★	AL
FAYETTEVILLE	KB4ZW	449.40	444.40	N	
FAYETTEVILLE	KB4ZW	449.90	444.90	N	P
GOLDSBORO	WB3JVX	448.05	443.05	N	EA
GREENSBORO	WD4PQZ	448.50	443.50	★	RB
GREENSBORO	WB4WOR	449.30	444.30	★	
GREENVILLE	AI4J	449.80	444.80	N	
HAW RIVER	K2MZ	448.875	443.875	★	T
HENDSVL/BERWLW M	WA4KNI	449.25	444.25	★	
HIGH POINT	K4AZA	447.90	442.90	★	L
HIGH POINT	N4LXW	448.70	443.70	N	
LEXINGTON	WD4ICX	449.50	444.50	★	
LOCUST	WA4LBT	448.70	443.70	★	PAL
MAYODAN	WA4ACP	447.10	442.10	★	
MT AIRY/FSH PK	KF4UY	449.80	444.80	★	LRB
MT MITCHELL	N4DWU	448.60	443.60	★	
NEW BERN	WA4VBC	449.90	444.90	★	O
RALEIGH	N4BEA	447.15	442.15	★	L
RALEIGH	WA4PEN	449.50	444.50	★	
RALEIGH	WA1WXL	449.95	444.95	★	
ROARING GAP	KC4XE	448.55	443.55	★	L
ROCKY MOUNT	N4JEH	449.70	444.70	★	PA
SALISBURY	KJ4HF	449.65	444.65	★	ARB
SAURATOWN MT	WA4HUV	439.25	421.25	★	V
SAURATOWN MT	N4GGC	448.10	443.10	★	L
SAURATOWN MT	WA4WTB	448.40	443.40	N	
SELMA	KK4YP	449.00	444.00	N	
SHELBY	W4NYR	439.25	427.25	★	V
SMITHFIELD	WK2F	449.25	444.25	N	
STATESVILLE	KB4KQI	448.30	443.30	N	RB
WILMINGTON	K4YNY	447.500	442.500	N	ALRB
WILMINGTON	K4GMP	449.85	444.85	★	
WILSON	NE4J	449.90	444.90	★	

10 METERS

MAYODAN	WA4ACP	29.56	29.66	★	T
NEWPORT	K4GRW	29.56	29.66	★	P
WILKESBORO	KC4XE	29.52	29.62	★	L

6 METERS

BAKER MT.	WA4PXV	52.05	53.05	N	RBL
HIGH POINT	K4AZA	52.525	52.525	★	RB
NEWPORT	K4GRW	52.01	53.01	★	P
RALEIGH	WA4PEN	52.03	53.03	★	
RALEIGH/BUTNER	WB4RZF	52.25	53.25	N	C

WEST VIRGINIA REPEATERS

2 METERS

ALDERSON	WA8AVZ	146.13	146.73	N	
BECKLEY	N8BZS	144.71	145.31	★	L
BECKLEY/EOC	N8FWL	144.77	145.37	★	LA
BECKLEY/FLAT TOP	K8BO	146.25	146.85		A
BLUEFIELD	W8MOP	144.89	145.49	★	PA
BOLT	N8FRV	144.57	145.17	★	L
BRIDGEPORT	WB8DKM	147.72	147.12	★	PAT
BUCKHANNON	N8FHE	144.53	145.13	★	AL
BUCKHANNON	N8FHE	144.81	145.41	★	A
BUCKHANNON	WD8L	146.25	146.85	★	
CHARLES TOWN	N8EIV	146.385	146.985	N	MA
CHARLESTON	W8WHQ	144.83	145.43	★	
CHARLESTON	WB8IFS	146.22	146.82	N	
CHARLESTON	WB8CQV	146.28	146.88	N	
CHARLESTON	KD8TC	147.81	147.21	★	
CLARKSBURG	N8FMD	146.085	146.685	N	
CLARKSBURG	KE8MR	147.915	147.315	N	
CRAIGSVILLE	KD8OG	144.67	145.27	N	L
ELK GARDEN	N8FMD	146.145	146.745	N	
ELKINS	KB8BWZ	146.175	146.775	N	
FAIRMONT	W8SP	146.30	146.90	N	NB
FRANKLIN	W3RUA	147.945	147.345	★	
GASSAWAY	WB8MZI	146.01	146.61	N	
GRAFTON	WD8LNB	147.975	147.375	★	L
GRANTSVILLE	N8FXC	144.85	145.45	★	
HARRISVL/PENSBRO	WB8NSL	147.90	147.30	N	
HORSEPEN MT	NV8H	147.795	147.195	★	
HUNTINGTON	WB8FEQ	144.61	145.21	N	R
HUNTINGTON	W8VA	146.16	146.76	N	A
HUNTINGTON/CHAS	WB8EZR	146.04	146.64	★	
KINGSTON/LICK KB	W8FG	144.87	145.47	★	
LEON	WB8NMT	147.78	147.18	N	
LIBERTY	N8BHP	144.81	145.41	★	
LOGAN	WA8LZR	146.09	147.11	N	NB
LOGAN/SUMERCO	NU8K	147.945	147.345	★	L
LOGAN/WARD RK MT	KJ8E	146.37	146.97	★	PAL
MARMET/BEE MT	K8HDB	144.55	145.15	N	
MARTINSBURG	WA8FSE	144.55	145.15	M	
MARTINSBURG	WB8VAZ	147.855	147.255	M	
MCMECHEN	WA8ULB	146.31	146.91	★	
MORGANTOWN	K8LG	144.83	145.43	N	AL
MORGANTOWN	W8CUL	146.16	146.76	★	PAL
MT STORM	KA8JTH	147.705	147.105	N	L
MULLENS	KC8IT	147.63	147.03	★	LARB
NEW MARTINSVLLE	WB8CSW	147.54	146.94	N	NB
OAK HILL	W8OQC	146.19	146.79	★	EA
PARKERSBURG	WF8U	146.145	146.745	N	C
PARKERSBURG	WA8CRW	146.37	146.97	★	PA
PARKERSBURG	WA8CRW	147.99	147.39	★	PA
PARSONS	KE8QC	144.73	145.33	★	ALRB
POINT PLEASANT	W8KNM	147.66	147.06	N	
PRINCETON	KA8PNC	146.46	147.06	★	A
PRINCETON	WB8NRK	147.825	147.225	N	AC
PRINCETON/PIPEST	WD8OGY	146.325	146.925	N	A
RAVENSWOOD	WD8JNU	146.07	146.67	N	
RAVENSWOOD	WD8JNU	146.10	146.70	N	R
RICHWOOD	WB8YJJ	144.59	145.19	N	
SALT ROCK	WD8MCR	144.51	145.11	N	
SCOTT DEPOT/COAL	N8BHP	147.87	147.27	★	PAEA
SHERRARD	KD8GL	146.115	146.715	★	EAPA
SPENCER	N8APG	147.705	147.105	N	
SPRUCE KNOB	N8HON	147.885	147.285	★	L
ST ALBANS	WB8GDY	146.40	147.00	★	
ST ALBANS	KA8SVR	147.75	147.15	★	PAL
ST ALBANS	K8WMX	147.975	147.375	★	R
ST MARYS/BENS R	WB8ECC	147.63	147.03	N	L
SUMMERSVILLE	K8VKB	146.34	146.94	★	
TERRA ALTA	KD8ZR	147.60	147.00	★	PA
WEIRTON	KC8JN	146.34	146.94	N	A
WELCH	WB8SXZ	144.85	145.45	N	
WESTON	WD8EOM	144.79	145.39	N	PAL
WHEELING	WB8JGY	144.59	145.19	★	PAL
WHEELING	W8JDH	146.16	146.76	N	
WILLIAMSON	KE8FR	144.73	145.33	★	ARB
WINTERPL/FLT TOP	N8BZS	146.025	146.625	★	AL

SERA REPEATER SYMBOLS

★	Full Member Supporter
D	Delinquent Membership
N	Non-Member SERA
NB	Not On SERA Freq. Plan
M	T-MARC Terr. Repeater
A	Autopatch (Open)
PA	Private Autopatch
EA	Emergency Autopatch
T	Tone Access Repeater
L	Linked Repeater
K	Packet Operation
R	Radioteletype Operation
V	Television (SSTV or ATV)
P	Proposed Repeater Coord.
C	Under Construction
O	Off the Air Temporarily
RB	Remote Base System

NOTE: Some repeaters allow voice, as well as other functions on their machine. Generally the second function is indicated, but does not necessarily mean the machine is solely operated in that mode. Operators may check with owners for information. Digipeters within the Packet frequency spectrum are listed under PACKET. Repeaters with normal input/output (pairs) are listed in the regular FM repeater index and their operation of Packet is indicated with "K".

220 MHZ

KINGSTON/LICK KB	W8FG	223.14	224.74	★	
PARSONS	KE8QC	222.88	224.48	★	ALRB
WILLIAMSON	KA8YYW	222.54	224.14	★	
WNTRPLACE/FLT TP	N8BZS	222.46	224.06	★	

440 MHZ

BECKLEY	N8BZS	449.40	444.40	★	AL
BUCKHANNON	N8FHE	448.10	443.10	★	L
GRAFTON	WD8LNB	447.20	442.20	★	L
HUNTINGTON	WB8EZR	449.60	444.60	★	C
JANE LEW	N8FMD	449.875	444.875	N	
KINGSTON/BKLY	N8FRV	449.80	444.80	N	L
MORGANTOWN	K8LG	449.70	444.70	N	L
MORGANTOWN	W8CUL	449.80	444.80	★	PAL
MOUNDSVILLE	KY8O	439.25	421.25	N	V
MULLINS	KC8IT	449.00	444.00	★	LRB
PARSONS	KE8QC	449.65	444.65	★	ALC
S. CHARLESTON	WB8CQV	449.95	444.95	N	
SPRUCE KNOB	N8HON	449.175	444.175	★	
WHEELING	N8EKT	449.975	444/975	N	

10 METERS

PARSONS	KE8QC	29.55	29.65	★	TLC

6 METERS

BOLT/BOLT MT	N8DKL	52.05	53.05	N	
ST ALBANS/COAL	WD8JKA	52.03	53.63	N	ATNB
ST.ALBANS	KA8SVR	52.15	53.15	★	PAEA

VIRGINIA REPEATERS

2 METERS

ABINGDN/BRMLY MT	K4LSP	146.01	146.61	N	
ACCOMAC	WA4TVS	147.855	147.255	☆	EA
ALEXANDRIA	N4FSC	144.71	145.31		MPA
ALEXANDRIA	WD4PDP	146.055	146.655		MPA
ALEXANDRIA	W4HFH	147.915	147.315		ML
ALTAVISTA	WA4ISI	146.055	146.655	☆	A
ARLINGTON	N4EFJ	144.87	145.47		M
ARLINGTON	WA4YVM	146.445	147.045		MT
BARREN SPRINGS	K4HZS	146.07	146.67	☆	
BEDFD/APL ORCH	WB4DBB	144.63	145.23	☆	
BEDFORD	WB4JBJ	147.705	147.105	N	PAL
BLACKSBURG	AB9I	146.115	146.715	☆	
BLAND	N4AZJ	144.75	145.35	☆	PARB
BLUEFIELD	W8MOP	144.89	145.49	☆	PA
BRISTOL	WD4CYZ	146.28	146.88	N	
CHARLOTTESVILLE	WA4TFZ	146.16	146.76	☆	
CHARLOTTESVILLE	WA4TFZ	146.325	146.925	☆	
CHASE CITY	W4AXH	146.31	146.91	☆	
CHESAPEAKE	K4NDH	144.69	145.29	☆	EA
CHESAPEAKE	N4GSP	146.01	146.61	☆	AEA
CHESAPEAKE	N4SD	146.19	146.79	☆	A
CHESTERFIELD	KA4CBB	147.96	147.36	☆	
CHESTERFLD CO	WA4ECM	147.66	147.06	☆	A
COVINGTON	WA4HTI	146.205	146.805	☆	L
CULPEPER	N4FAF	147.72	147.12		M
DANTE	WD4CYZ	147.855	147.255	N	
DANVILLE(DCC)	WB4GJG	146.325	146.925	☆	EA
DANVILLE/WHT OAK	K4WQS	146.10	146.70	☆	PA
FAIRFAX	W4LBL	146.19	146.79		MPA
FALLS CHURCH	W4AQD	144.75	145.35		MT
FARMVILLE	WA4QQI	144.73	145.33	☆	
FINCASTLE	W4WIC	146.04	146.64	☆	L
FRANKLIN	K4SPS	147.90	147.30	☆	PA
FREDRICKSBURG	WB4LNT	147.615	147.015		M
GALAX	WA4ZIV	144.79	145.39	N	PATO
GALAX/BRIRP MT	N4VL	147.69	147.09	☆	A
GALAX/LKOUT MT	N4VL	144.53	145.13	☆	RB
GLADYS	N4SJM	147.945	147.345		
GLOUCESTER	NB4P	144.77	145.37	☆	
GRUNDY	K4HWQ	147.92	147.32	N	ANB
GRUNDY/BIG A MT	WD4DCX	146.235	146.835	N	L
GUM SPRING	KB4GX	147.87	147.27	☆	
HAMPTON	K4DHO	146.13	146.73	☆	PA
HAMPTON	K4UMI	146.34	146.94	N	T
HARRISONBURG	WX4C	147.825	147.225	☆	A M
JEWEL RIDGE	WB4QJZ	147.75	147.15	N	
KILMARNOCK	W2MS	144.61	145.21	☆	A
LEXINGTON	KI4ZR	146.07	146.67	☆	RB
LEXINGTON	KI4ZR	147.90	147.30	☆	A
LEXNGTN/ROCK MT.	K4PQD	147.93	147.33	N	O
LUNENBURG CT.HSE	AA4OG	147.84	147.24	☆	
LYNCHBURG	W4WWQ	146.01	146.61	N	
LYNCHBURG	AB4M	146.415	147.015	☆	PA
LYNCHBURG	WA4RTS	147.795	147.195	☆	
LYNCHBURG	KB4ILD	147.975	147.375	N	PA
MADISON	N4AJO	147.99	147.39		M
MANASSAS	WD4JCE	144.67	145.27		MR
MANASSAS	WA4FPM	146.37	146.97		MPA
MARION	KC4IH	146.04	146.64	☆	PA
MARTINSVILLE	AB4L	147.885	147.285	☆	
MCLEAN	WD4IWG	147.81	147.21		MR
MIDDLEBROOK	W4WRN	146.37	146.97	N	EA
MOUNTAIN LAKE	KD8MZ	147.465	146.865	☆	PAL
MT.LAKE/BALD KNB	K4TUE	146.31	146.91	☆	
NEW MARKET	K4AVW	146.025	146.625	M	M
NEWPORT NEWS	WA4OHX	144.89	145.49	N	PA
NEWPORT NEWS	WB4CTF	147.765	147.165	☆	PALR
NORFOLK	WA4ZUA	144.57	145.17	☆	
NORFOLK	NE4D	146.10	146.70	☆	EA
NORTON/HIGH KNOB	K4AXO	146.415	147.015	N	L
ONEIDA PEAK/BLF	KD8MZ	146.355	146.955	☆	PAL
PEARISBURG	N4AZJ	147.735	147.135	☆	
PENNINGTON GAP	N4LQC	146.10	146.70	☆	
PETERSBURG	K4ARO	144.55	145.15	☆	
PETERSBURG	K4ARO	147.99	147.39	☆	
PKS KB/PULASKI	KT4Z	147.78	147.18	☆	PA
PORTSMOUTH	W4POX	146.25	146.85	☆	A
RICHMOND	K4YPE	144.51	145.11	☆	A
RICHMOND	WB4FAX	144.59	145.19	☆	
RICHMOND	W4SQT	144.83	145.43	☆	PA
RICHMOND	WB4QEY	146.04	146.64	☆	PA
RICHMOND	WA4ZBE	146.28	146.88	☆	PA
RICHMOND	W4ZA	146.34	146.94	☆	
RICHMOND	WA4JST	146.43	147.03	N	
RICHMOND	N4HB	147.735	147.135	☆	
ROANOKE	N4AP	146.34	146.94	N	A
ROANOKE/POOR MT	KC4DY	146.145	146.745	☆	PA
ROANOKE/POOR MT	W4CA	146.385	146.985	☆	PAL
ROANOKE/POOR MT.	WB4QOJ	144.61	145.21	☆	RVK
SALEM	W4PDL	146.28	146.88	N	
STAUNTON	W4XD	146.10	146.70	☆	
STAUNTON	WA4ZBP	146.25	146.85	☆	RBR
STAUNTON/EL. KB	N4RAG	147.645	147.045	☆	
STERLING	WA4TXE	146.115	146.715		M
STUARTS DRAFT	KB4OLM	147.96	147.36	N	
SUFFOLK/GASBURG	WA4HMT	146.40	147.00	N	PAEA
TYSONS CORNER	WB4FMD	146.31	146.91		MPA
VIENNA	K4HTA	146.085	146.685		M
VIRGINIA BEACH	WA4KXV	146.295	146.895	☆	
VIRGINIA BEACH	WA4KXV	146.37	146.97	☆	EA
VIRGINIA BEACH	WA4SBC	147.645	147.045	N	
VIRGINIA BEACH	W4NV	147.975	147.375	☆	
VOLENS	WD4LBM	146.46	147.06	☆	PA
WARRENTON	WB4FJT	147.765	147.165		M
WARSAW	KA4ZIP	147.93	147.33	☆	EA
WAYNESBORO	W4BLD	147.63	147.03	☆	O
WAYNSBR/BEAR DEN	W4PNT	147.675	147.075	☆	PAEA
WILLIAMSBURG	W4NTG	146.07	146.67	☆	
WILLIAMSBURG	KB4ZIN	146.16	146.76	☆	A
WINCH/BLUEMONT	WA4TSC	147.90	147.30		M
WINCHESTER	W4RKC	146.22	146.82	☆	M
WOODBRIDGE	WB4FQR	147.84	147.24		MA
WYTHEVILLE	KC4VR	146.175	146.775	☆	AL
WYTHEVL/SAND MT.	WD4MUQ	144.67	145.27	N	
YORKTOWN	WD4SDC	147.825	147.225	N	PAT

220 MHZ

ALEXANDRIA	WA4CCF	223.22	224.82		ML
BEDFD/APL ORCH	WB4DBB	223.94	222.34	☆	RBL
BEDFORD	N4PLV	223.24	224.84	☆	C
CHARLOTTESVILLE	WA4TFZ	223.50	223.50	☆	RB
CHESAPEAKE	WA6GVC	223.34	224.94	N	
DAN/WHT OAK	K4OAK	223.16	224.76	N	
DANVILLE	WB4GJG	222.78	224.38	N	
DELTAVILLE	AA4HQ	222.40	224.00	☆	
FAIRFAX	WB4YHD	222.50	224.10		ML
FAIRFAX	WD4KHP	222.82	224.42	☆	PALT
FALLS CHURCH	N4CHP	223.38	224.98		MPA
HAMPDEN-SYDNEY	WB4PEA	222.60	224.20	☆	
LYNCHBURG	AB4M	222.68	224.28	☆	PA
MARTINSVILLE	WB4BVI	222.90	224.50	☆	PAT
NEWPORT NEWS	KB4UHA	223.26	224.86	N	
NORTON/HIGH KB	WA4NDQ	222.82	224.42	☆	
ROANOKE	WB4DBB	222.50	224.10	☆	L
ROANOKE/POOR MTN	WB4DBB	223.34	224.94	☆	
STERLING PARK	WD4KHP	222.12	223.72	☆	M
STUARTS DRAFT	KB4OLM	223.36	224.96	N	AL
TYSONS CORNER	WD4KHP	223.12	224.72	☆	PARB
VIRGINIA BEACH	WD8DAS	222.58	224.18	N	

440 MHZ

ALEXANDRIA	W4HFH	449.60	444.60		M
ALTAVISTA	WA4ISI	449.425	444.425	☆	L
BEDFD/APL ORCH	WB4DBB	449.35	444.35	☆	L
BLUEFIELD	KD8MZ	449.625	444.625	☆	PAL
CHARLOTTESVILLE	WA4TFZ	449.25	444.25	☆	
CHESAPEAKE	K4NDH	448.80	443.80	☆	PA
CHESAPEAKE	N4EVG	448.90	443.90	☆	PAEA
CHESTER/ENON	WA4ECM	449.20	444.20	☆	RB
COVINGTON	WA4HTI	447.25	442.25	☆	
FALLS CHURCH	WB8CRK	449.45	444.45		ML
FOREST	WD4KQI	449.75	444.75	N	A
GALAX/PT LOOKOUT	N4VL	448.00	443.00	☆	L
HAMPTON	K4UMI	448.65	443.65	N	
HAMPTON	WB4JPA	449.55	444.55	☆	PAT
INDEPENDNCE HILL	AA4VA	448.80	443.80		M
LEXNGTN/ROCK MT.	WA4DUM	449.15	444.15	N	O
LYNCHBG/JACK MT.	KF4YI	447.40	442.40	N	
LYNCHBURG	K4HEX	426.25	923.25	N	CV
LYNCHBURG	AB4FU	447.95	442.95	☆	PA
LYNCHBURG	K4HEX	449.50	444.50	N	
MANASSAS	WD4JCE	444.225	449.225		ML
MARION	KC4IH	447.00	442.00	☆	
NORFOLK	W4WIN	439.25	426.25	N	V
OILVILLE	KB4MIC	449.80	444.80	☆	PA
PETERSBURG	K4ARO	449.40	444.40	☆	T
PORTSMOUTH	KK4SN	449.00	444.00	N	
RICHMOND	N4FLU	448.35	443.35	N	
RICHMOND	K4ARO	449.65	444.65	☆	
RICHMOND	K4ARO	449.85	444.85	☆	
ROANOKE	WB4DBB	446.65	446.65	☆	L
ROANOKE	KA4YUY	447.175	442.175	☆	
ROANOKE/POOR MT	W4CA	447.50	442.50	☆	L
ROANOKE/POOR MT.	N4FHL	426.25	439.25	☆	V
ROANOKE/POOR MT.	N4VG	447.70	442.70	☆	
ROANOKE/POOR MT.	WB8BON	448.65	443.65	☆	L
SPRINGFIELD	AA4VA	449.15	444.15		M
STAIMTPM/EL KNB	N4RAG	449.10	444.10	N	
STAUNTON	WA4ZBP	449.825	444.825	☆	
STAUNTON	W4WRN	449.95	444.95	N	
STUARTS DRAFT	KB4OLM	449.05	444.05	N	
TYSONS CORNER	WB6GUS	448.50	443.50		M
TYSONS CORNER	K4JYF	449.75	444.75		M
VIRGINIA BEACH	WA4KXV	449.95	444.95	☆	
WAYNESBORO	KA5NOJ	439.25	426.25	☆	VC
WAYNESBORO	WA4EZA	449.20	444.20	N	
WILLIAMSBURG	W4NTG	448.95	443.95	☆	
WINCH/BLUEMONT	WA4TSC	444.925	449.925		M

MORE VIRGINIA REPEATERS

WINCHESTER	W3CSG	447.00	442.00		M
WINDY GAP MT	W4WIC	448.75	443.75	★	AL
WOODBRIDGE	WB4FQR	449.90	444.90		M
WYTHEVILLE	KA4JRL	448.80	443.80	N	C

10 METERS

CHARLOTTESVILLE	WA4TFZ	29.60	29.60	★	RBO
NEWPORT NEWS	WB4CTF	29.60	29.60	★	RB
ONEIDA PK/BLFLD	KD8MZ	29.58	29.68	★	RBL
ROANOKE/POOR MT	WB8BON	29.54	29.64	★	CL
STERLING	KD4DN	29.58	29.68		M

6 METERS

ALEXANDRIA	WA4CCF	52.13	53.13		ML
BEDFORD/THAX MT	WB4DBB	52.15	53.15	★	
CENTERVILLE	KA4DCS	52.58	52.48		M
CHARLOTTESVILLE	WA4TFZ	52.525	52.525	★	RBO
DANVILLE(DCC)	WB4GJG	52.13	53.13	★	
FAIRFAX	WD4KHP	52.62	52.82	★	PALT
LEXNGTN/ROCK MT.	WA4DUM	52.01	53.01	N	L O
LOUISA	KA4NNN	52.07	53.07	N	
RICHMOND	WB4FAX	52.43	53.43	★	
RIDGEWAY	AA4QT	52.25	53.25	N	
ROANOKE	WB4DBB	52.25	53.25	★	L
ROANOKE/POOR MT	WB8BON	52.09	53.09	★	CL
VIRGINIA BEACH	WD8DAS	52.21	53.21	N	

MISSISSIPPI REPEATERS

2 METERS

A MORY	KB5DSN	147.69	147.09	N	
ABERDEEN	WB5USN	147.87	147.27	N	A
ACKERMAN	NO5N	147.72	147.12	N	
BAY ST. LOUIS	N5GY	146.10	146.70	N	
BAY ST. LOUIS	KOVNO	146.25	146.85	N	
BILOXI	K5OS	146.13	146.73	N	
BILOXI	K5TYP	146.19	146.79	N	
BLUE MT.	N5CAX	146.07	146.67	N	A
BOONEVILLE	WA5TEF	146.175	146.775	★	
BUDE	K5JMD	146.25	146.85	N	
CLEVELAND	K5BWW	146.25	146.85	N	
COLUMBUS	K5BX	147.60	147.00	N	A
CORINTH	WB5VOJ	146.325	146.925	★	
CORINTH	K5UFH	146.40	147.00	N	
ELLISVILLE	N5DWU	147.465	146.865	★	PAL
FLORENCE	W5AXQ	146.16	146.76	N	
GREENVILLE	WA5MBA	146.22	146.82	N	A
GREENWOOD	KA5TQY	146.115	146.715	N	
GRENADA	WB5LVA	146.10	146.70	N	
GULFPORT	KA5CYR	144.73	145.33	N	A
HATTIESBURG	KA5NNX	144.77	145.37	N	
HATTIESBURG	KC5K	147.66	147.06	N	
HATTIESBURG	W5CJR	147/96	147.36	N	
HERNANDO	K5VV	146.31	146.91	N	A
INVERNESS	WA5UDQ	147.78	147.18	N	
IUKA	WB5MFK	146.25	146.85	N	A
JACKSON	W5ITL	146.04	146.64	N	
JACKSON	W5NNZ	146.28	146.88	N	
JACKSON	KA5SBK	146.34	146.94	N	
JACKSON	NC5Y	147.675	147.075	N	A
KOSCIUSKO	W5LWC	146.25	146.85	N	
LAUREL	WV5C	146.01	146.61	★	A
LAUREL	WV5D	146.43	147.03	N	
LOUISVILLE	WB5ZAG	147.96	147.36	N	A
MAGEE	KA5LNY	147.90	147.30	★	
MAGEE	KA5LNY	147.90	147.30	N	
MCCOMB	K5JMD	146.34	146.94	N	A
MENDENHALL	K5HYE	144.51	145.11	★	
MERIDIAN	W5DEJ	146.10	146.70	N	A
MERIDIAN	KA5MJM	146.37	146.97	★	
MOOREVILLE	WB5NAY	146.04	146.64	N	A
NATCHEZ	W5KHB	146.085	146.685	★	
NATCHEZ	K5OCM	146.31	146.91	N	A
NATCHEZ	K5SVC	147.96	147.36	N	
NEW HEBRON	N5MRS	147.69	147.09	N	
OCEAN SPRINGS	W5LDD	147.63	147.03	★	
OLIVE BRANCH	KA5WMH	147.825	147.225	N	
PASCAGOULA	N5AAY	146.28	146.88	N	A
PEARL	N5III	147.75	147.15	N	
PHILADELPHIA	N5EPP	147.93	147.33	★	
PICAYUNE	K5LEF	144.55	145.15	N	A
PICAYUNE	K5LFP	147.78	147.18	N	A
PONTOTOC	WB5NAY	147.98	147.38	N	
POPLARVILLE	WA5WRE	144.61	145.21	N	A
PORT GIBSON	KE5WO	146.025	146.625	N	
PRENTISS	WB5UNA	147.99	147.39	N	
SENATOBIA	KB5DMT	146.385	146.985	N	
STARKVILLE	W5VZF	146.13	146.73	N	A
TUPELO	AI5R	147.84	147.24	N	A
VICKSBURG	WJ5L	144.69	145.29	★	
VICKSBURG	WB5SXK	147.87	147.27	N	
WATER VALLEY	WB5QFX	146.40	147.00	N	
WEST POINT	KO5S	146.19	146.79	N	A
WIGGINS	KB5DZJ	144.67	145.27	★	

220 MHZ

ACKERMAN	NM5D	223.18	224.78	N	
ACKERMAN	NM5D	223.22	224.82	N	
BAY ST. LOUIS	K5GY	223.10	224.70	N	
BILOXI	K5TYP	222.90	224.50	N	
PONTOTOC	KE5ST	223.30	224.90	N	

440 MHZ

ACKERMAN	NM5D	448.65	443.65	N	
ACKERMAN	NM5D	449.90	444.90	N	
BRANDON	N5III	449.70	444.70	N	
CLERMONT HARBOR	WD5BJT	449.15	444.15	N	A
JACKSON	KB5CO	449.00	444.00	N	
JACKSON	KB5CO	449.80	444.80	N	
LAUREL	AJOX	448.50	443.50	★	ARB
MERIDIAN	WA5WUX	449.10	444.10	★	
NATCHEZ	N5IAT	448.80	443.80	N	A
PONTOTOC	KE5ST	449.65	444.65	N	
STARKVILLE	W5VZF	449.75	444.75	N	

10 METERS

POPLARVILLE	WA5WRE	29.52	29.62	N	

6 METERS

ELLISVILLE	N5DWU	52.01	53.01	★	PAL
HATTIESBURG	KC5K	52.05	53.05	N	

GEORGIA REPEATERS

2 METERS

ADAIRSVILLE	WD4IWL	146.085	146.685	N	
ALBANY	W4MM	144.55	145.15	N	L
ALBANY	W4MM	146.10	146.70	N	
ALBANY	W4MM	146.13	146.73	N	
ALBANY	W4MM	146.22	146.82	N	
ALBANY	W4MM	147.72	147.12	N	K
ALBANY	WB4TFW	147.75	147.15	N	
AMERICUS	K4VBH	147.87	147.27	N	
ASHBURN	WD4EVD	147.885	147.285	★	PA
ATHENS	WA4BKF	146.145	146.745	★	PA
ATHENS	K4TQU	147.975	147.375	N	
ATLANTA	W4VTA	144.51	145.11	★	
ATLANTA	W4AQL	144.55	145.15	N	PA
ATLANTA	K4DRQ	144.69	145.29	★	
ATLANTA	W4DOC	144.75	145.35	N	
ATLANTA	W4DOC	146.22	146.82	N	PA
ATLANTA	N4OD	146.37	146.97	N	
ATLANTA	WA4NNO	146.40	147.00	N	PA
ATLANTA	K4YSB	147.705	147.105	N	R
ATLANTA	K4SMX	147.795	147.195	N	T
ATLANTA	WD4KDT	147.855	147.255	★	PAL
ATLANTA/AIRPORT	W4REI	147.63	147.03	N	
ATLANTA/BELL	W4PME	144.81	145.41	★	
ATLANTA/GPCO	WA4VBX	147.885	147.285	★	
ATLANTA/MARIETTA	N4NFP	146.055	146.655	N	EAL
ATLANTA/MARIETTA	N4NEQ	147.94	147.34	N	PANB
ATLANTA/SWEAT MT	K4LCI	144.83	145.43	N	EA
ATLANTA/SWEAT MT	KD4NC	146.13	146.73	★	LK
AUGUSTA	W4TUN	144.51	145.11	★	A
AUGUSTA	AA4UA	144.77	145.37	★	A
AUGUSTA	N4JA	144.89	145.49	★	
AUGUSTA	W4LWT	146.04	146.64	★	K
AUGUSTA	KT4N	146.34	146.94	N	
AUGUSTA	NA4I	146.385	146.985	N	PA
AUGUSTA	NI4S	147.72	147.12	N	PA
AUGUSTA	N4BMA	147.78	147.18	★	R
BALDWIN	WD4NHW	147.78	147.18	★	A
BONAIRE	W4MST	147.615	147.015	N	
BRUNSWICK	KB4PXX	144.81	145.41	N	P
BRUNSWICK	K4TVE	146.13	146.73	N	A
CAIRO	AA4RD	147.795	147.195	N	
CALHOUN/JASPER	KC4AQS	147.405	146.805	★	PAL
CARROLLTON	W4FWD	146.04	146.64	★	A
CARTERSVILLE	N4GIS	144.59	145.19	N	
CEDARTOWN	W4CMA	147.72	147.12	★	PA
CLAYTON	WA4BLQ	144.65	145.25	★	
CLEVELAND/LONG	K4FOW	146.31	146.91	N	
CLEVELAND/LONG	K4FOW	147.615	147.015	N	
COLUMBUS	KA4CEK	144.71	145.31	N	
COLUMBUS	W4CVY	146.01	146.61	★	A
COLUMBUS	WB4TOM	146.28	146.88	★	
COLUMBUS-RTTY	K4ACH	144.77	145.37	N	R
CONYERS	WB4JEH	144.63	145.23	N	
CONYERS	KE4SG	147.81	147.21	N	PA
COOLIDGE	N4JBF	144.57	145.17	★	P
CORDELE	WA4RWS	144.89	145.49	★	

MORE GEORGIA REPEATERS

COVINGTON	WA4ASI	146.325	146.925	N	AL
CUMMING/SAWNEE	K4BYK	147.75	147.15	★	PAL
DALLAS	K4DVJ	146.25	146.85	N	
DALONEGA	KJ4EV	147.435	146.835	★	A
DALTON	KE4UJ	144.63	145.23	★	A
DALTON	N4BZJ	144.65	145.25	★	A
DALTON	N4BZJ	147.735	147.135	★	EAL
DECATUR	W4BOC	144.85	145.45	★	
DOUGLAS	KB4TCU	147.765	147.165	N	
DOUGLASVILLE	KB4EO	147.96	147.36	★	A
DUBLIN	WA4HZX	147.96	147.36	N	
ELLIJAY/TALONA M	W4HHH	146.385	146.985	★	A
FAYETTEVILLE	K4UWN	146.085	146.685	N	
FOLKSTON	K4DMK	146.19	146.79	N	
FOREST PARK	K4KQK	144.65	145.25	N	
FORSYTH	W4SPJ	147.315	147.915	N	NB
GAINESVILLE	W4NSO	146.07	146.67	★	PAEA
GRIFFIN	K4HYB	144.79	145.39	★	PA
GRIFFIN	K4HYB	146.31	146.91	★	
HARTWELL	WA4RBS	146.895	146.295	★	EANB
HINESVILLE	KF4UM	147.615	147.015	★	AT
IRWINTON	WB4NFG	147.84	147.24	N	
JASPER	KB4IZF	144.77	145.37	★	PARB
JASPER	W4OOM	146.10	146.70	★	
JASPER/MT OGLTHP	KC4AQS	147.405	146.805	N	PA
JEFFERSON	KB4ZUN	147.825	147.225	N	
JESUP	WA4EQL	146.07	146.67	N	
JESUP	N4PJR	146.325	146.925	★	PA
JONESBORO	WA4DIW	144.57	145.17	★	EA
JONESBORO	WA4OGE	144.73	145.33	★	EA
LAFAYETTE	KB4VEK	147.975	147.375	N	
LAGRANGE	KO4R	146.25	146.85	N	O
LAGRANGE	WB4BXO	147.93	147.33	★	
LANETT(AL)	K4DXZ	147.60	147.00	★	
LYONS	K4HAO	146.22	146.82	N	
MACON	WB4OLL	144.83	145.43	★	PALR
MACON	W4BKM	146.06	146.66	N	NBPA
MACON	N3SM	146.895	146.295	★	
MACON	WA4DDI	147.66	147.06	★	T
MADISON	WB4DKY	146.265	146.865	★	A
MARIETTA	WA4QPL	144.89	145.49	★	PA
MARIETTA	KC4KE	146.175	146.775	N	
MARIETTA	W4YFR	146.28	146.88	★	
METTER	W4TYM	147.645	147.045	N	AEA
MILLEDGEVILLE	KF4LI	144.55	145.15	★	PAT
MILLEDGEVILLE	WB4DOJ	146.10	146.70	★	PAEA
MILLEDGEVILLE	KF4LT	146.205	146.805	N	
MOULTRIE	WD4KOW	146.19	146.79	N	
NEWNAN	K4SEX	144.53	145.13	N	PA
NEWNAN	K4SEX	146.19	146.79	★	
PERRY	KB4KIN	146.355	146.955	★	PAL
PERRY	WL7ACY	147.90	147.30	★	AL
PHENIX CITY (AL)	WA4QHN	146.13	146.73	★	
PINE MT/HAMILTON	WB4ULJ	144.59	145.19	N	
PRESTON	WB4TOV	146.385	146.985	N	
QUITMAN	WA4NKL	146.28	146.88	N	
RINGGOLD	W4ABZ	146.115	146.715	★	
ROCKY TOP MT	K5PRE	146.355	146.955	N	
ROME	K4HNM	147.90	147.30	N	
ROME/MT. ALTO	W4VO	146.34	146.94	★	PA
ROSSVILLE	W4FGQ	144.75	145.35	★	
ROSWELL	N4CLA	147.66	147.06	★	EAPA
SAVANNAH	KK4TO	146.10	146.70	N	PAEA
SAVANNAH	W4HBB	146.28	146.88	N	
SAVANNAH	W4HBB	146.37	146.97	N	A
SAVANNAH	KK4TO	147.81	147.21	N	PAEA
SNELLVILLE	WD4JXR	147.675	147.075	★	PA
ST SIMONS ISL	KA4CVE	147.69	147.09	N	
ST. MARYS	KA4UUB	146.385	146.985	N	
STATESBORO	NC4D	147.705	147.105	N	
STOCKBRIDGE	WA4JDR	144.71	145.31	N	
STONE MT	W4BOC	146.16	146.76	★	
SUMMERVILLE	KA4LVY	147.825	147.225	N	
SWAINSBORO	K4VYX	146.19	146.79	N	O
SWEAT MT/MARIETT	N4CLA	144.87	145.47	★	EAPA
SYCAMORE	KF4BI	147.78	147.18	N	
THOMASTON	K4IMK	147.99	147.39	N	
THOMASVILLE	W4UCJ	147.66	147.06	★	A
THOMPSON	WB4OCB	146.235	146.835	N	C
TOCCOA	KA4DIP	147.93	147.33	★	
TWIN CITY	N4REB	147.915	147.315	★	P
TYRONE	W4PSZ	144.61	145.21	N	PA
UNION CITY	WA4UPE	146.025	146.625	N	
VALDOSTA	W4APS	146.16	146.76	N	
VALDOSTA	KBOY	147.735	147.135	N	A
VALDOSTA/TIFTON	WA4VLP	144.53	145.13	N	
VIDALIA	N4JWP	146.025	146.625	★	A
WALESKA/PNLGMT	KE4PN	144.67	145.27	★	L
WARNER ROBINS	WB4BDP	146.01	146.61	N	
WARNER ROBINS	W4HON	146.25	146.85	★	A
WATKINSVILLE	N4VTD	147.645	147.045	★	PAEA
WAYCROSS	WA4GVG	146.04	146.64	N	
WAYNESBORO	WD4COL	144.63	145.23	★	
WRENS	WB4OCB	146.175	146.775	N	
WRIGHTSVILLE	WA4RVB	146.34	146.94	N	AL

220 MHZ

ATL/CHESTNUT MT	W4DOC	222.96	224.56	N	L
ATLANTA	N4BLR	222.68	224.28	N	
ATLANTA	W4DOC	222.74	224.34	N	
ATLANTA	N4IQR	223.10	224.70	★	
ATLANTA	KK4C	223.22	224.82	★	PALR
ATLANTA/BELL	W4ZTL	223.02	224.62	N	
ATLANTA/MARIETTA	N4NFP	222.52	224.12	N	PAL
AUGUSTA	AA4UA	222.60	224.20	★	P
CANTON	N4KSM	222.92	224.52	N	
CARTERSVILLE	N4GIS	222.48	224.08	N	
CLEVELAND	N4RBT	222.78	224.38	N	
CONYERS	WB4JEH	222.42	224.02	N	
CORNELIA	WS4F	222.50	224.10	★	
CUMMING/SAWNEE	K4JSR	223.38	224.98	★	PAL
DALTON	N4BZJ	222.44	224.04	★	
DALTON	N4KVC	223.14	224.74	★	EARB
DALTON	N4SLJ	223.18	224.68	★	
GAINESVILLE	W4NSO	222.30	223.90	★	P
MACON	W4BKM	223.06	224.66	N	
MARIETTA	WA4QPL	223.30	224.90	★	
NORCROSS	KB4PRH	222.88	224.48	N	
PERRY	WL7ACY	223.24	224.84	★	AL
PINE LOG MT.	WB4UPC	223.34	224.94	★	L
ROSSVILLE	KC4EV	223.34	224.94	N	
STONE MT	W4BOC	223.16	224.76	★	
THOMASVILLE	N4JBF	222.72	224.32	★	AL
VALDOSTA	W4APS	222.38	223.98	N	
YORKVILLE	WB4UPC	222.34	223.94	★	
YORKVILLE	WB4UPC	222.46	224.06	★	L
YORKVILLE	WB4UPC	223.28	224.88	★	

440 MHZ

ALBANY	W4MM	439.25	427.25	N	
ALBANY	W4MM	449.50	444.50	N	
ATLANTA	W4KIP	439.25	421.25	N	V
ATLANTA	W4DOC	444.825	449.825	N	NB
ATLANTA	WB8LVH	448.50	443.50	N	
ATLANTA	KE4ZV	448.65	443.65	★	K
ATLANTA	W4DOC	449.45	145.67	N	RB
ATLANTA	WB4UWL	449.50	444.50	N	
ATLANTA	N4WQ	449.625	444.625	N	AO
ATLANTA	WA4NNO	449.925	444.925	N	
ATLANTA	WA4YNZ	449.975	444.975	N	T
ATLANTA/BELL	W4ZTL	449.15	444.15	★	A
ATLANTA/MARIETTA	N4NEQ	449.775	444.775	N	PAL
ATLANTA/MARIETTA	N4NFP	449.85	444.85	N	PA
ATLANTA/SE	WB8LVH	448.55	443.55	N	NB
ATLANTA/STONE MT	W4BOC	449.25	444.25	★	
AUGUSTA	N4JA	447.025	442.025	★	
AUGUSTA	NI4S	448.15	443.15	N	O
AUGUSTA	NA4I	449.95	444.95	★	O
BRUNSWICK	KB4PXX	439.25	421.25	N	V
BRUNSWICK	K4TVE	449.975	444.975	N	
CHATSWORTH	AA4EO	448.00	443.00	★	
CONYERS	WB4JEH	447.55	442.55	N	
CONYERS	N4EMM	449.75	444.75	N	C
COVINGTON	WA4ASI	447.925	442.925	N	L
COVINGTON	KL7TF	448.75	443.75	★	L
DALTON	N4BZJ	444.85	444.85	★	
DECATUR	N3APR	447.20	442.20	N	
DECATUR	WB4LBM	449.20	444.20	N	
ELLIJAY TALONA M	W4HHH	449.70	444.70	★	
GAINSVILLE	KE4AY	447.625	442.625	N	P
GRIFFIN	WB4GWA	448.90	443.90	★	PA
HIGH PT/LOOKT MT	KB4VEK	448.45	443.45	N	
JASPER/BIG BUCK	N4OKS	448.80	443.80	N	
LANETT(AL)	K4DXZ	447.05	442.05	★	
LAWRENCEVILLE	WB4QDX	449.00	444.00	N	
MACON	K4VTT	447.275	442.275	★	A
MARIETTA	KM4BA	448.60	443.60	N	
MARIETTA	K4PQD	449.05	444.05	N	
MARIETTA	KM4BA	449.325	444.325	N	

SERA REPEATER SYMBOLS

★	Full Member Supporter	T	Tone Access Repeater
D	Delinquent Membership	L	Linked Repeater
N	Non-Member SERA	K	Packet Operation
NB	Not On SERA Freq. Plan	R	Radioteletype Operation
M	T-MARC Terr. Repeater	V	Television (SSTV or ATV)
A	Autopatch (Open)	P	Proposed Repeater Coord.
PA	Private Autopatch	C	Under Construction
EA	Emergency Autopatch	O	Off the Air Temporarily
		RB	Remote Base System

NOTE: Some repeaters allow voice, as well as other functions on their machine. Generally the second function is indicated, but does not necessarily mean the machine is solely operated in that mode. Operators may check with owners for information. Digipeters within the Packet frequency spectrum are listed under PACKET. Repeaters with normal input/output (pairs) are listed in the regular FM repeater index and their operation of Packet is indicated with "K".

MORE GEORGIA REPEATERS

MT OGELTHORPE	WB4BFD	449.375	444.375	N	
NEWNAN	N4EBZ	449.675	444.675	N	PA
PERRY	KB4KIN	449.95	444.95	★	PAL
PHENIX CITY (AL)	WA4QHN	449.20	444.20	★	
RINGGOLD	KJ4IU	448.925	443.925	★	
ROCKY FACE	AA4EO	447.175	442.175	N	
ROSSVILLE	N4PLP	447.125	442.125	★	C
SAVANNAH	KC4AZU	447.70	442.70	N	C
SMYRNA	N4IBW	449.65	444.65	N	
STOCKBRIDGE	N4JMD	448.325	443.325	N	
STOCKBRIDGE	N4JMD	448.325	443.325	N	
STONE MT	N4MSE	449.025	444.025	N	
SWEAT MT	N4CLA	448.20	443.20	N	
TIFTON	KF4JF	449.35	444.35	N	
TYRONE	K4NEF	449.55	444.55	N	
VALDOSTA	W4APS	449.70	444.70	N	
WALESKA/PNLOG MT	KE4PN	448.85	443.85	★	L

1270 MHZ

ATL/CHESTNUT MT	W4DOC	291.40	271.40	N	
CALHOUN/JASPER	KC4AQS	292.00	272.00	N	L

10 METERS

ALBANY	W4MM	29.58	29.68	N	L
ATL/MARIETTA	KK4CC	29.54	29:64	N	L
ATLANTA	WB8LVH	29.52	29.62	N	L
DALTON	N4BZJ	29.58	29.68	★	AL

6 METERS

ATL/MARIETTA	WA4MPW	52.09	53.09	N	
AUGUSTA	K4EDU	52.03	53.03	N	P
CONYERS	WB4JEH	52.55	53.55	N	
LINEVILLE(AL)	WB4VBA	52.07	53.07	N	
PERRY	KB4KIN	52.13	53.13	★	O
PINE LOG MT	WB4UPC	52.05	53.05	★	L
PINE LOG MT.	KE4PN	52.29	53.29	N	L

TENNESSEE REPEATERS

2 METERS

ALAMO	WB4EDS	147.735	147.135	N	
ATHENS	WB4GRC	144.71	145.31	N	
BENTON	K4SIR	144.85	145.45	N	T
BLOUNTVILLE	WA4KMG	147.60	147.00	N	
BRISTOL	K4ILW	146.07	146.67	★	A
BRISTOL	WD4CYZ	146.28	146.88	N	
BRISTOL/HLSTN MT	K4LSP	146.16	146.76	N	A
BROWNSVILLE	KB4YTU	144.83	145.43		
BROWNSVILLE	WA4ABU	146.055	146.655	N	
CARTHAGE	N4OTT	144.59	145.19	★	PA
CHATT/SIGNAL MT	AD4F	146.055	146.655	★	
CHATT/SIGNAL MT	WA4ZOK	147.60	147.00	N	PA
CHATTANOOGA	K4CMY	144.53	145.13	★	
CHATTANOOGA	K4VCM	144.69	145.29	★	
CHATTANOOGA	W4AM	144.79	145.39	★	A
CHATTANOOGA	K4CMY	146.01	146.61	★	
CHATTANOOGA	W4AM	146.19	146.79	★	A
CLARKSVILLE	WD4SGA	147.60	147.00	N	
CLARKSVILLE	AA4TA	147.99	147.39	★	
CLEVELAND	W4GZX	146.31	146.91	N	C
COALFIELD	AA4UP	146/145	146.745	★	
COLLIERVILLE	KB4YGI	144.53	145.13	N	
COLUMBIA	KE4KO	144.85	145.45	★	
COOKEVILLE	NQ4Y	144.51	145.11	N	
COOKEVILLE	WA4UCE	144.83	145.43	N	A
COOKEVILLE	K4HKZ	147.645	147.045	N	C
COOKEVILLE	N4WS	147.81	147.21	★	PA
COVINGTON	WA4VXW	147.93	147.33	★	PALK
COVINGTON	N4DRL	147.99	147.39	N	
CROSSVILLE	KE4RX	146.04	146.64	★	
CROSSVILLE	W4CV	147.93	147.33	N	
CUMBERLAND CITY	N4GMT	144.73	145.33	N	
DAYTON/RHEA CTY	K4ZLA	147.99	147.39	N	
DECATUR-PONE KB	W4RJC	144.55	145.15	★	
DONELSON	WA4BZU	147.885	147.255	N	TPA
DYERSBURG	AA4HF	146.145	146.745	N	
ERWIN	KC4DWQ	144.65	145.25	★	A
FAYETTEVILLE	KO4G	146.265	146.865	N	
FAYETTEVILLE	W4NIQ	147.63	147.03	N	PA
GALLATIN	WD4BKY	147.84	147.24	N	L
GALLATIN	WD4BKY	147.87	147.27	N	
GERMANTOWN	KA4ATI	147.69	147.09	★	
GREENEVILLE	K4EPC	144.79	145.39	★	
GREENEVILLE	WB4TUO	144.81	145.41	N	
GTLBG/COVE MTN	WA4KJH	146.25	146.85	N	LEA
GUTHRIE (TN/KY)	KA4NNE	146.205	146.805	N	
HENDERSON	K4TC	147.705	147.105	N	PAEA
HENDERSONVILLE	WB4WZK	144.67	145.27	★	PAT
HENDERSONVILLE	N4WF	147.945	147.345	N	
HERMITAGE	WB4DOR	144.79	145.39	N	
HOLSTON MT/E TN	WB4SQC	144.69	145.29	N	PA
HUMBOLDT	NQ4Y	144.75	145.35	N	AL
JACKSON	WB7BOX	144.51	145.11	★	AL
JACKSON	KF4SC	144.71	145.31	★	
JACKSON	W4WKZ	147.81	147.21	★	
JASPER	KD4XX	144.59	145.19	★	A
JOHNSON CITY	W4ABR	146.19	146.79	★	A
JOHNSON CITY	KE4FH	147.87	147.27	N	A
KNGSPT/BAYS MT	W4TRC	146.37	146.97	★	PA
KNOXVILLE	N4IJL	144.51	145.11	N	
KNOXVILLE	W4BBB	144.61	145.21	★	A
KNOXVILLE	WA4TEM	144.73	145.33	★	AL
KNOXVILLE	N4GRC	144.77	145.37	★	
KNOXVILLE	N4IUA	144.83	145.43	N	
KNOXVILLE	WB4GBI	144.87	145.47	★	
KNOXVILLE	WB4GBI	146.025	146.625	★	C
KNOXVILLE	WB4GBI	146.34	146.94	★	
KNOXVILLE	K4TJY	146.46	147.06	N	C
KNOXVILLE	WB4GBI	147.675	147.075	★	A
KNOXVILLE	W4BBB	147.90	147.30	★	
KNXVL/CROSS MT	KA4OAK	147.96	147.36	N	
KNXVL/ENG MT	WB4IOB	146.13	146.73	★	
LAFOLLETTE	KA4OAK	144.53	145.13	N	A
LAFOLLETTE/WMT	K4BGW	146.07	146.67	N	
LAKE CITY	WB4OAH	146.22	146.82	N	
LAVERNE	KJ4RA	144.63	145.23	N	
LEBANON	WD4JVV	147.615	147.015	★	
LENOIR CITY	KB4PIO	146.085	146.685	N	PA
LEXINGTON	WD4MVR	146.43	147.03	★	
LOUDON	KE4SK	144.57	145.17	★	
MANCHESTER	W4UOT	146.10	146.70	★	PA
MARTIN	WA4ZQX	146.025	146.625	★	A
MCMINNVILLE	WD4MWQ	146.37	146.97	★	A
MCMINVL/SHT MT	W4KKO	144.89	145.49	★	
MEDINA	K4BEZ	146.37	146.97	N	A
MEM/FISHERVILLE	N4DRL	144.73	145.33	N	AL
MEMPHIS	KOJXI	144.55	145.15	N	
MEMPHIS	KAOBRN	144.57	145.17	N	
MEMPHIS	WA4VIP	144.81	145.41	N	
MEMPHIS	K4HAZ	144.85	145.45	N	C
MEMPHIS	WA4KOG	144.89	145.49	N	
MEMPHIS	WB4KQQ	146.04	146.64	★	
MEMPHIS	W4UFT	146.10	146.70	N	
MEMPHIS	WB4DAZ	146.13	146.73	★	PA
MEMPHIS	WA4HBY	146.19	147.51	N	NB
MEMPHIS	W4BS	146.22	146.82	N	PA
MEMPHIS	WA4KOG	146.25	146.85	N	A
MEMPHIS	WA4ETE	146.28	146.88	★	A
MEMPHIS	K4BN	146.34	146.94	N	A
MEMPHIS	K4FZJ	146.40	147.00	N	
MEMPHIS	W4ZJM	146.43	147.03	N	L
MEMPHIS	WA4MQQ	147.66	147.06	N	
MEMPHIS	KA4GMV	147.72	147.12	N	AT
MEMPHIS	WA4KOG	147.78	147.18	N	
MEMPHIS	WA4OWI	147.87	147.27	N	
MEMPHIS	WA4ADT	147.90	147.30	★	PAL
MEMPHIS	WB4MMI	147.96	147.36	N	
MILLINGTON	W4ODR	146.43	147.03	N	L
MORRISTOWN	WD4PRQ	147.63	147.03	N	EA
MORRISTOWN	WB4OAH	147.825	147.225	N	
MOUNTAIN CITY	WD4OMO	144.87	145.47	N	
MURFREESBORO	WB4LHO	144.57	145.17	★	PA
NASHVILLE	N4ARK	144.61	145.21	★	LRB
NASHVILLE	N4WF	144.69	145.29	N	
NASHVILLE	WD4JYD	144.75	145.35	N	
NASHVILLE	KI4OG	144.77	145.37	★	
NASHVILLE	N4ARK	144.87	145.47	★	PA
NASHVILLE	WA4PCD	146.01	146.61	N	PA
NASHVILLE	WB4NTM	146.04	146.64	N	T
NASHVILLE	W4PQP	146.16	146.76	N	
NASHVILLE	W4SQE	146.19	146.79	★	
NASHVILLE	WA4PCD	146.25	146.85	N	PA
NASHVILLE	WA4TOA	146.28	146.88	N	
NASHVILLE	WA4PCD	146.34	146.94	N	
NASHVILLE	K4AYN	147.645	147.045	N	
NASHVILLE	WA4PCD	147.75	147.15	N	
NASHVILLE	WA4PCD	147.78	147.18	N	
NASHVILLE	WB4ZSA	147.90	147.30	★	PA
NASHVILLE	N4AJS	147.93	147.33	N	
NASHVILLE S.	WB4NTM	147.96	147.36	N	TA
NASHVILLE S.W.	WB4NTM	146.07	146.67	N	ATL
NASHVLE/FAIRVIEW	N4ARK	144.51	145.11	★	
OAK RIDGE	W4SKH	146.28	146.88	N	
OAK RIDGE	W4SKH	146.37	146.97	N	A
OAK RIDGE	K4EAJ	147.72	147.12	★	
OAK RIDGE	K4EAJ	147.75	147.15	★	RL
PARIS	K4KLX	147.96	147.36	N	A
PETROS	KJ4SI	147.855	147.255	★	A
PIKEVILLE	K4MJM	147.885	147.285	★	
PINSON	WBOTMC	147.87	147.27	N	C
POCAHONTAS	WB4MMI	147.96	147.36	N	
POLK CTY/OSWALD	WD4DES	147.78	147.18	★	A
PULASKI/MUSIC MT	W4JVO	146.175	146.775	★	EA
PURYEAR	WA4CEX	147.765	147.165	★	
ROCKWOOD	WA4RHV	147.615	147.015	★	AEA

MORE TENNESSEE REPEATERS

SAVANNAH	WB4DQU	146.31	146.91	N	
SELMER	KF4VM	144.79	145.39	N	CA
SEV/SHIELDS MT	N4CJX	144.67	145.27	N	
SHELBYVILLE	W4QEB	147.66	147.06	☆	A
SHORT MTN	W4YXA	146.31	146.91	☆	
SPARTA/BON AIR	W4BSA	147.69	147.09	N	A
SPRING HILL	NW4E	144.85	145.45	N	A
SULPHUR SPRINGS	KC4DWQ	147.99	147.39	☆	A
TRENTON	WB5LIY	144.61	145.21	N	A EA
UNION CITY	WA4YGM	146.10	146.70	☆	A
UNION CITY	WA4YGM	147.615	147.015	☆	ARB
WATERTOWN	KE4WA	146.13	146.73	N	PA
WAVERLY	NO4Q	146.085	146.685	N	
WINCHESTER	N4NCM	146.22	146.82	☆	PA

220 MHZ

BROWNSVILLE	KB4YTU	222.60	224.20	N	
CHATT/SIGNAL MT	WA4ZOK	223.30	224.90	N	
CHATTANOOGA	WD4MQG	223.04	224.64	N	PA
CHATTANOOGA	K4VCM	223.18	224.78	☆	A
CLARKSVILLE	KF4GP	222.34	223.94	N	
COLLIERVILLE	KB4YGI	222.80	224.40	N	PAL
FISHERVILLE	N4DRL	223.28	224.88	N	
FRANKLIN	WD4SGS	222.54	224.14	N	
GALLATIN	WB4ZSA	222.38	223.98	☆	
GREENEVILLE	WB4NKM	220.058	220.058	☆	BEA
GREENEVILLE	WB4NKM	223.34	224.94	☆	A
HERMITAGE	WB4RAB	222.30	223.90	N	
JC/BUFFALO MT	WA4UCI	223.18	224.78	☆	
KNOXVILLE	KB4FZK	222.62	224.22	☆	C
KNOXVILLE	WA4TEM	222.72	224.32	☆	AL
KNOXVILLE	WA4YON	222.86	224.46	☆	
KNOXVILLE	W4BBB	222.90	224.50	☆	
MEM/FISHERVILLE	N4DRL	222.90	224.50	N	AL
MEMPHIS	W4BS	222.82	224.42	N	
MEMPHIS	WA4KOG	223.18	224.78	N	C
MEMPHS/FRAYSER	W4ZJM	222.34	223.94	N	L
NASHVILLE	N4TB	222.42	224.02	N	
NASHVILLE	WB4UEX	222.48	224.08	N	
NASHVILLE	N4MEY	222.52	224.12	N	C
NASHVILLE	N4AWB	222.62	224.22	N	
NASHVILLE	KI4OG	222.84	224.44	☆	PARB
NASHVILLE	N4MEY	223.06	224.66	N	
NASHVILLE	KI4OG	223.24	224.84	☆	PARB
NASHVILLE	N4PYI	223.34	224.94	☆	PA
SHORT MTN.	KE4NP	222.66	224.26	☆	
SPRINGFIELD	KB8EHB	222.62	224.22	☆	
SULPHUR SPRINGS	KC4DWQ	223.26	224.86	N	

440 MHZ

ALAMO	WB4EDS	448.75	443.75	N	L
BARTLETT	WA4PAJ	449.25	444.25	N	
BENTON/BEAN MT	K4SIR	449.95	444.95	N	T
BRISTOL/HLST MT	K4LSP	449.50	444.50	N	A
BROWNSVILLE	KB4YTU	449.20	444.20		
BROWNSVILLE	KB4YTU	449.45	444.45	N	CPAL
CHATTANOOGA	N4JSR	447.325	442.325	N	
CHATTANOOGA	W4AM	449.10	444.10	☆	A
CHATTANOOGA	WB4LRD	449.875	444.875	N	
CLARKSVILLE	KF4GP	449.95	444.95		
CUMBERLAND CITY	N4GMT	448.40	443.40	N	PAT
FAYETTEVILLE	KO4G	448.10	443.10	N	
FISHERVILLE	N4DRL	432.01	BEACON	N	
FISHERVILLE	N4DRL	449.30	444.30	N	AL
FRANKLIN	KB4IDB	448.85	443.85	N	
GALLATIN	WD4BKY	449.35	444.35	N	PALT
GALLATIN	WD4KWP	449.45	444.45	☆	
GATLBG/COVE MT	WA4KJH	448.30	443.30	N	L
GREENEVILLE	WB4NKM	449.65	444.65	☆	
HENDERSON	K4TC	449.75	444.75	N	PA
J.CITY/HOLSTN MT	WB4SQC	448.425	443.425	N	
JACKSON	WB4EPG	447.80	442.80	N	A
JACKSON	WB7BOX	449.875	444.875	N	PAEA
JAMESTOWN	N4PTK	448.625	443.625	☆	
JASPER	KD4XV	447.05	442.05	☆	
KNOXVILLE	WA4NTZ	447.50	442.50	N	
KNOXVILLE	WB4GBI	449.30	444.30	N	
KNOXVILLE	KB4KSL	449.50	444.50	N	
KNOXVILLE	KB4NK	449.60	444.60	☆	
LAKE CITY/CRS MT	WD4LUR	448.00	443.00	☆	PA
MEDINA	K4BEZ	447.05	442.05	N	AL
MEMPHIS	N4ERU	421.25	439.25	N	V
MEMPHIS	N4ERU	439.25	421.25	N	ATV
MEMPHIS	KB4LJV	441.60	441.60		L
MEMPHIS	WB4EPG	447.625	442.625	N	
MEMPHIS	WF4G	447.825	442.825	N	
MEMPHIS	W4ZJM	448.00	443.00	N	
MEMPHIS	WA4QWW	448.40	443.40	N	A
MEMPHIS	KA5RYF	448.95	443.95	N	
MEMPHIS	KAOBRN	448.975	443.975	N	C
MEMPHIS	WA4ADT	449.00	444.00	☆	T
MEMPHIS	K4RDK	449.025	444.025	N	
MEMPHIS	KA4JXT	449.10	444.10	N	
MEMPHIS	WA4KOG	449.40	444.40	N	
MEMPHIS	KA4IZF	449.50	444.50	N	A
MEMPHIS	KOJXI	449.60	444.60	N	
MEMPHIS	WB4MMI	449.70	444.70	N	T
MEMPHIS	KOJXI	449.80	444.80	N	
MEMPHIS	WB4MMI	449.90	444.90	N	L
MEMPHIS	WA4ETE	449.925	444.925	☆	
MEMPHIS	WB4KQQ	449.95	444.95	☆	T
MILAN	WD4ABJ	447.10	442.10	N	
MORRISTOWN	KA4NEX	449.20	444.20	N	
MORRISTOWN	KD4LP	449.80	444.80	☆	A
MT JULIET	WB4PVB	448.05	443.05	☆	PA
NASHVILLE	KJ4ZQ	439.25	421.25	N	V
NASHVILLE	KI4OG	449.05	444.05	☆	TPA
NASHVILLE	WB4NTM	449.15	444.15	N	L
NASHVILLE	KI4OG	449.575	444.575	N	C
NASHVILLE	W4AY	449.675	444.675	N	
NASHVILLE	WB4QES	449.775	444.775	N	
NASHVILLE	WB4QES	449.975	444.975	N	
OAK RIDGE	K4EAJ	449.40	444.40	☆	L
OAKFIELD	WA4BJY	447.20	442.20	☆	
PARIS/GROVE HL	WA4WKS	448.50	443.50	N	
PULASKI	KB4TPI	439.250	421.250	N	V
PULASKI	KB4TPI	447.150	442.150	N	
ROCKWOOD	KB4NEI	449.00	444.00	☆	C
SMYRNA	KJ4RM	449.25	444.25	N	

10 METERS

DONELSON	WA4BZU	29.54	29.64	N	
JACKSON	NQ4W	29,54	29.64	☆	C
KNXVL/ENG MT	WB4IOB	29.52	29.62	☆	
MEM/FISHERVILLE	N4DRL	29.58	29.68	N	AL
MEMPHIS/FRAYSER	W4ZJM	29.52	29.62	N	
UNION CITY	WA4YGM	29.56	29.66	N	

6 METERS

CHATTANOOGA	WB4LRD	52.01	53.01	N	
COOKEVILLE	WA4UCE	52.19	53.19	N	
GALLATIN	WD4KWP	52.45	53.45	☆	L
GREENEVILLE	K4LSP	52.01	53.01	N	
GUTHRIE (TN/KY)	KA4ZKL	52.23	53.23	N	
KNOXVILLE	WA4YON	52.25	53.25	☆	
KNOXVILLE	WB4GBI	52.35	53.35	☆	O
KNXVL/ENG MT	WB4IOB	52.15	53.15	☆	A
MEM/FISHERVILLE	N4DRL	52.27	53.27	N	AL
MEMPHIS	WA4KOG	52.01	53.01	N	
MEMPHIS	K4RDK	52.55	53.55	N	
NASHVILLE	N4ARK	52.525	52.525	☆	LRB

SOUTH CAROLINA REPEATERS

2 METERS

AIKEN	W4TUN	144.57	145.17	☆	
AIKEN	N4ADM	147.885	147.285	☆	PA
ANDERSON	N4SZ	146.37	146.97	☆	PA
ANDERSON/SAS MT	W4FVV	146.19	146.79	☆	
BAMBERG	WA4DFP	144.73	145.33	☆	
BARNWELL	WA4FOF	147.63	147.03	☆	
BIG KNOB/GREY CT	KB4YF	146.265	146.865	☆	
CHARLESTON	WB4URP	144.65	145.25	N	
CHARLESTON	K4ILT	146.16	146.76	N	PA
CHARLESTON	K4ILT	146.19	146.79	N	
CHARLESTON	WB4LET	147.87	147.27	☆	PAL
CHELSEA	KB4GY	144.71	145.31	☆	
CHERAW	KA4ABW	147.735	147.135	N	PA
COLUMBIA	KC4LB	144.83	145.43	☆	PA
COLUMBIA	WB4NEP	146.115	146.715	N	PA
COLUMBIA	K4AVU	146.28	146.88	N	
COLUMBIA	N4NUY	147.93	147.33	N	
CONWAY	WD4JMT	144.51	145.11	☆	
DILLON/PEE DEE	NN4N	146.145	146.745	☆	
DORCHESTER	W4NAT	147.78	147.18	☆	
FLORENCE	W4ULH	146.25	146.85	N	A
FLORENCE	WA4ISM	146.37	146.97	☆	PA
FT MILL/CAROWND	AA4SC	147.78	147.18	☆	
GASTON	WB4NEP	144.61	145.21	N	PA
GEORGETOWN	WD4DMI	147.975	147.375	N	
GREENVILLE	W4IQQ	146.34	146.94	N	
GREENVILLE	K4LEO	147.975	147.375	☆	T
GREENWOOD	K4VIA	147.765	147.165	☆	PA
GREENWOOD/HODGES	KB4CS	144.53	145.13	N	
GRNVLE/CSRS HD	W4NYK	146.01	146.61	☆	
GRNVLE/PARIS MT	W4NYK	146.22	146.82	☆	PA
HILTON HEAD	N1BAL	147.84	147.24	☆	
INMAN	WD8OXE	144.87	145.47	☆	PA
LANCASTER	W4PAX	146.10	146.70	☆	
LANCASTER	KC4AC	147.84	147.24	☆	
LEXINGTON	KA4FEC	147.99	147.39	☆	
LITTLE MT.	K4AVU	147.81	147.21	N	
MARION	W4YLT	146.40	147.00	N	EA
MONCKS CORNER	KA4BJM	147.75	147.15	N	

MT PLEASANT	K4ESG	146.385	146.985	N	PA
MT. PLEASANT	K4LWS	147.90	147.30	N	PA1
MYRTLE BEACH	WD4JMT	147.72	147.12	★	EA
MYT BEA/BRKSVLLE	W4DCD	147.885	147.285	★	AL
N. AUGUSTA ·	K4FKJ	146.13	146.73	★	
N. MYRTLE BEACH	K4HOG	147.63	147.03	★	PA
NEWBERRY	KB4CO	146.085	146.685	★	
ORANGEBURG	K4RDN	147.69	147.09	N	C
PICKENS	WB4YXZ	146.40	147.00	N	
RKY RDG/WALLACE	KA4ABW	144.89	145.49	★	A
ROCK HILL	AA4PF	144.71	145.31	★	PAL
ROCK HILL	K4YTZ	146.43	147.03	★	PA
ROCKY SPUR	WD4MGM	147.885	147.285	★	
SANTEE	W4DTW	147.825	147.225	N	A
SENECA/LONG MT	WA4JRJ	147.87	147.27	N	PA
SIMPSONVILLE	WD4BJY	146.13	146.73	★	
SIMPSONVILLE	WA4SDT	147.75	147.15	N	R
SPARTANBURG	K4JLA	147.69	147.09	N	
ST. MATTHEWS	AD4U	146.07	146.67	★	PA
SUMMERTON	N4LWY	144.55	145.15	★	PA
SUMTER	KB4FIQ	146.04	146.64	N	
SUMTER	WA4UMU	147.615	147.015	N	EA
SUMTER/SHAW	W4VFR	147.66	147.06	★	A
WHITE HALL	W4BWZ	146.31	146.91	N	

220 MHZ

AIKEN	W4TUN	223.36	224.96	★	
COLUMBIA	N4EOY	223.30	224.90	★	RB
CROSS	KB4VFD	222.98	224.58	N	C
GREER	W4ILY	222.38	223.98	N	PA
LITTLE MT	KA4FEC	222.52	224.12	★	
PICKENS/CSRS HD	WB4QHF	222.54	224.14	★	PA
PICKENS/SASFR MT	AJ4N	222.46	224.06	★	
RIDGEVILLE	N4CII	222.48	224.08	★	

440 MHZ

AIKEN	W4TUN	448.40	443.40	★	
ANDERSON/SAS MT	WD4BUH	449.925	444.925	N	
CAESARS HEAD	WB4LZQ	448.875	443.875	N	
CHARLESTON	N4MNH	449.30	444.30	★	A
COLUMBIA	KC4LB	449.20	444.20	★	RB
CROSS	KB4VFD	447.30	442.30	N	C
GRNVLE/PARIS MT	ND4N	448.10	443.10	★	
LEXINGTON	N4GUP	439.25	421.25	★	V
MT PLEASANT	N4DRU	449.70	444.70	N	
PICKENS/CSRS HD	KA4ZUS	447.40	442.40	★	
SUMMERVILLE	WA4HNK	448.80	443.80	★	PA
SUMTER	WA4UMU	439.25	423.25	N	V

10 METERS

RKY RDG/WALLACE	KA4ABW	29.60	RMT.BS	★	RB

6 METERS

PICKENS	WB4YXY	52.41	53.41	N	

KENTUCKY REPEATERS

2 METERS

ASHLAND	KD4SN	146.34	146.94	★	
ASHLAND	KA4DII	147.84	147.24	★	PA
ASHLAND	WA8KWH	147.93	147.33	★	A
BAXTER	WM4H	147.78	147.18	N	
BENTON	WG4U	147.72	147.12	N	
BEREA	KI4B	146.115	146.715	N	
BETSY LAYNE	WA4YCU	146.035	146.635	N	
BOWLING GREEN	WD4MNI	146.055	146.655	N	
BOWLING GREEN	KA4CLL	146.25	146.85	N	
BOWLING GREEN	WD4CJJ	147.93	147.33	N	
BROOKS	W4BDC	146.10	146.70	★	
CAMBELLSVILLE	WA4UXJ	146.04	146.64	N	
CARROLLTON	KI4GB	146.715	146.115	N	
CLARKSON	KB4NFK	144.55	145.15	N	
CLARKSON	N4PXK	144.89	145.49	N	
CORBIN	WD4KWV	146.01	146.61	N	
COVINGTON	WB8NON	144.81	145.41	★	
COVINGTON	WB8NON	147.99	147.39	★	A
CUSTER	KE4NS	147.99	147.39	★	A
DANVILLE	WD4DZC	146.655	146.055	N	
DEANE	AK4U	144.61	145.21	★	L
DICKS KNOB	N4MWA	147.765	147.165	N	
DIXON	WD4RBI	147.78	147.18	N	
ELIZABETHTOWN	KA4YBA	146.19	146.79	N	
ELIZABETHTOWN	W4BEJ	146.38	146.98	★	AL
ELKHORN CITY	WB4WAU	147.60	147.00	★	
ERLANGER	N4BOP	144.61	145.21	N	
FAIR DEALING	N4AVE	147.84	147.24	N	
FERN CREEK	WB4NSY	146.16	146.76	N	
FRANKFORT	KB4AGA	144.69	145.29	N	
FRANKFORT	K4NGQ	147.075	147.675	N	
FRANKFORT	KC4AI	147.84	147.24	N	
GLASGOW	KA0BKD	144.81	145.41	★	L
GLASGOW	W4WZH	146.34	146.94	N	
GLASGOW	AG4C	147.63	147.03	N	
GRAYSON	KF4JO	146.10	146.70	N	
GUTHRIE	KA4NNE	146.205	146.805	★	
HARLAN	WM4R	144.75	145.35	N	
HARLAN	WM4R	144.75	145.35	N	
HARLAN	WA4ZAC	147.69	147.09	N	
HAZARD	K4VHF	146.07	146.67	★	
HENDERSON	K4DPP	146.37	146.97	N	
HIGHLAND HEIGHTS	K4CO	147.855	147.255	N	
HOPKINSVILLE	WA4ZVL	147.63	147.03	★	A
INDEPENDENCE	K4JBV	146.295	146.895	N	
IRVINGTON	WB4WVH	146.30	146.90	N	
LA GRANGE	W4MTN	147.99	147.39	N	
LAWRENCEBURG	KK4PL	144.69	145.29	★	A
LEXINGTON	KC4TX	144.85	145.45	N	
LEXINGTON	KC4TX	144.85	145.45	★	PA
LEXINGTON	WA4HBM	146.16	146.76	★	PAEA
LEXINGTON	WA4HBM	147.165	147.765	★	
LOUISA	WA4SWF	146.13	146.73	★	EA
LOUISVILLE	WD4RNW	144.61	145.21	N	
LOUISVILLE	WD4RNW	146.01	146.61	N	
LOUISVILLE	W4OAU	146.28	146.88	N	
LOUISVILLE	W4PJZ	147.63	147.03	N	
LOUISVILLE	N4NMC	147.67	147.07	★	PA
LOUISVILLE	N4KWT	147.87	147.27	N	
LOUISVILLE	NQ9Z	147.96	147.36	N	
LYNCH/BLACK MT	N4IZD	147.945	147.345	N	
MADISONVILLE	WA4PVV	146.01	146.61	N	
MARION	KA4FGA	147.705	147.105	N	
MARION	KA4FGA	147.885	147.285	N	
MAYFIELD	WA4NAR	147.84	147.24	N	
MAYTOWN	AK4U	146.28	146.88	★	L
MIDDLESBORO	W4PPM	144.63	145.23	N	
MIDDLESBORO	W4PPM	144.63	145.23	N	
MOREHEAD	K4GFY	146.31	146.91	N	
MT. STERLING	WD4KNE	147.93	147.33	★	PA
MURRAY	WB4NTB	146.34	146.94	N	
NICHOLASVILLE	WB4CWF	144.89	145.49	★	
OWENSBORO	NW4A	147.63	147.03	N	
PADUCAH	K4CUW	146.16	146.76	N	
PADUCAH	W4WQ	147.66	147.06	N	
PAINTSVILLE	AK4U	146.19	146.79	N	PAL
PHELPS	KJ4YK	147.69	147.09	★	
PIKEVILLE	N4IWZ	144.55	145.15	★	PARB
PIKEVILLE	KM4IV	146.25	146.85	★	EAL
PIKEVILLE	WB4GEL	147.87	147.27	N	PA
PINEVILLE	WA4YZY	146.04	146.64	N	
PINEVILLE	WA4YZY	146.04	146.64	N	
PRESTONSBURG	K4ICN	144.69	145.29	★	RB
PRINCETON	W4KBL	146.07	146.67	N	
PROVIDENCE	N4IUI	147.93	147.33	N	
RABBIT HASH	WA4OCP	146.355	146.955	N	
ROCKHOUSE MT	N4HMJ	144,61	145.21	N	
SALEM	N4IL	147.915	147.315	N	
SALYERSVILLE	AK4U	147.90	147.30	N	L
SHELBYVILLE	KE4LR	147.60	147.00	★	PA
SOMERSET	N4AI	146.28	146.88	N	
SPRINGFIELD	WA4SJH	147.90	147.30	★	PAEA
UNION CITY (TN)	WA4YGM	146.10	146.70	N	
VERSAILLES	WA4ZXK	146.13	146.73	N	
WALTON	K4CO	147.975	147.375	N	
WASHINGTON	WA4WMM	144.87	145.47	N	C
WHTSBRG/PINE MT.	WD4PDJ	147.99	147.39	N	
WINCHESTER	WB4ASZ	147.72	147.12	★	

220 MHZ

ASHLAND	KC4QK	222.34	223.94	★	
COVINGTON	WB9MRB	223.30	224.90	N	
LEXINGTON	WB8VMI	222.14	223.74	★	
LOUISVILLE	W4MOP	223.22	224.82	N	
PIKEVILLE	WB4F	222.98	224.58	N	
PIKEVILLE	N4ETG	223.02	224.62	N	A

440 MHZ

ASHLAND	WB4TAT	449.975	444.975	★	
BOWLING GREEN	WD4;MN	449.10	444.10	N	
CUSTER	KE4NS	449.975	444.975	★	
ELIZABETHTOWN	K4YZU	449.20	444.20	N	
ELIZABETHTOWN	W4BEJ	449.80	444.80	★	L
HENDERSON	N9APA	449.50	444.50	N	
HIGHLAND HEIGHTS	WA4OCP	449.35	444.35	N	
LOUISVILLE	WA4MLF	447.50	442.50	★	AL
LOUISVILLE	KA4WTT	449.10	444.10	★	PA
LOUISVILLE	W4MOP	449.50	444.50	N	
LOUISVILLE	WD4RNW	449.90	444.90	N	
LYNCH/BLACK MT	N4IZD	448.10	443.10	N	
OWENSBORO	WB4AOH	439.25	427.25	N	V
SPRINGFIELD	WA4SJH	444.60	449.60	★	

6 METERS

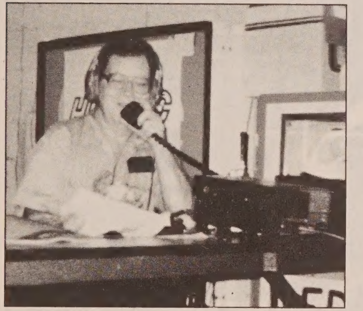
FLAT GAP	N4MPM	52.45	53.45	N	
GUTHRIE	KA4ZKL	52.23	53.23	★	C
LOUISVILLE	WB4LBR	52.025	53.025	N	

High Point NC Has First Hamfest!

Sights And Sounds of A New Hamfest!

— Photos & Story Ctsy: Mark McMahan, KB4MFP

Phil Wicker, W4ACY, retired and former Roanoke Division ARRL Director still hangs in manning the ARRL Booth.



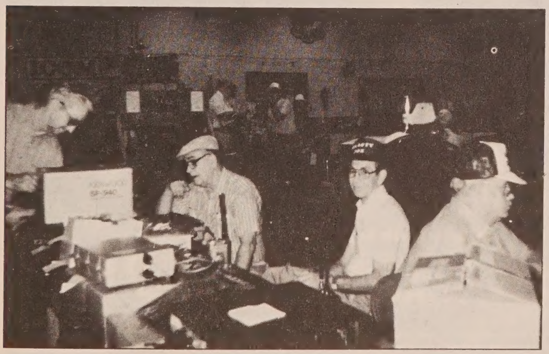
A valuable man to have around, Lomer McMahan, WA4RIS operates Talk-in for the High Point Show.

An overcast sky didn't dampen spirits the weekend of August 19 & 20th. Instead rain-threatening clouds kept the temperature pleasant for the 700 plus hams and XYL's at the HPARC Hamfest. Just off highway 29/70, the National Guard Armory was the site for this first hamfest sponsored by the High Point Amateur Radio Club (NC). The armory, located 1 block south of Kivett Drive, was filled with the usual hamfest activity with hams buying, swapping, chit-chatting, and having a good time.

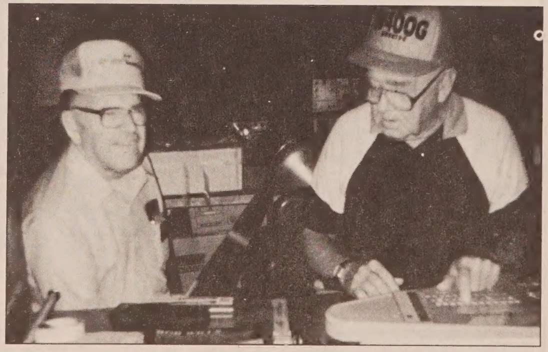
A lot of vendors were present at the HPARC Hamfest as inside table space was sold out. New ham radio dealers were present as well as other vendors selling everything from alarm systems to ceramic and crafts. And of course there were plenty of tailgaters on hand.

The High Point Amateur Radio Club would like to express our thanks to the dealers, flea marketers, and many hams who attended the 1989 HPARC Hamfest. We hope you enjoyed yourself as much as our club members did. We would welcome any suggestions or comments sent to P.O. Box 163, Jamestown, NC 27282. Plans are presently being made for our 1990 hamfest on August 11 & 12. Hope to see you there!

AHHH, Yes. . . . Food! One main ingredient of a Hamfest. Ben Rogers, KA4NHD and Lib McMahan serve up coffee and breakfast for hungry hams.



A little quibbling over prices never hurt anybody. A lot of this goes on at a hamfest. A shot across the floor of the High Point hamfest, loaded with tons of goodies from radio equipment to ceramics and items for the ladies.



"The Omnichord Man" has been doing it for years, and is still going strong. Rich Mauney, W4OOG receives a little accompaniment at the High Point Hamfest, as Sam Hall, K4AME joins in with a "musical" hand saw.

Expanded Repeater Index Starts With This Issue!

The Repeater Journal moves forward by including the remaining repeaters in Kentucky, and all known repeaters in Mississippi this issue. Our expanded lists of over 1,300 repeaters, updated as of the middle of October will continue to be published in future issues of the Repeater Journal.

It should be noted that Packet Digipeater listings have been deleted, effective with this issue. See story concerning this decision.

The SERA Repeater index is listed two ways for your convenience (1) by Frequency — if you know the frequency and don't know what repeater you are listening to, use this listing; (2) by City, by State — to find out specific repeaters in any area, use this listing.

The Repeater Journal continues to lead the Nation with the largest single, most often updated Repeater Index ever published. Our index includes all known repeaters on the VHF/UHF bands in the States of: North Carolina, South Carolna, Virginia, West Virginia, Tennessee, Kentucky, Georgia and Mississippi.

Ham 'n Turkey

The quaint little town of Turkey, located on Highway 24 in eastern North Carolina, between Wallace and Clinton, will celebrate their past and observe the naming of their town after the Thanksgiving bird, the turkey, on November 18, the last Saturday before Thanksgiving. This, the third annual event will be the occasion for the Special events station, WD4FVO, operated by The Onslow AMateur Radio Club, Inc., Jacksonville, NC from 10:00 to 4:00 P.M. local time. Operation will be in the general portion of the bands, up 25 Khz from the lower end. Novice operation will be in the 40 meter CW band and the 10 meter voice band. QSL to P.O. Box 841, Jacksonville, NC 28541 with large SASE for a Thanksgiving Turkey Talk certificate. (Ron, WA4MMS)

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I no sooner shipped off my August issue copy on July first than some of it was outdated. In the packet nodes story there should have been at least one more node, one I didn't discover until after the copy was mailed out. That was ECWVSK (or East Central West Virginia - Spruce Knob), alias KA8ZXP-7.

And another suggestion offered by an area ham got left out. He thought it would be a good idea if the **Journal** would list a packet address for all the SERA officers listed on the back cover. What pbbs can be used for each as a destination address for those who operate packet who have a question for a SERA director? I think it is something that ought to be considered.

• • • •

I am running a Vic-20 with an MFJ-1270-B TNC through a Kenwood 7800 into a ground plane antenna up about 20-feet. But if it were not for the BEE Mountain node I would not be able to get out of this low river valley with mountains all around. For now there are no nearby packeteers I can work simplex, and I can't reach the Charleston area LAN on 145.05 Mhz without going through BEE and the CRWLAN crossover node.

Jim KE8YB, at East Bank (4-miles away), and Lyle, W8FG, at Pratt (about 8-miles upriver) say they'll be on packet this winter. I should be able then to work them simplex.

• • • •

Elsewhere in this issue is my separate story about an amazing blind ham in Charleston, Dave Allen, WD8LDY, who is operating packet.

• • • •

Sam Moore, W8NCD, Charleston purchased an AEA PK-64 system at the Fayetteville, WV, hamfest in Feb. 1988. By the time the 1989 event rolled around he still hadn't gotten around to operating. I began to encourage him till he finally got things hooked up and on the air in July.

Shortly after he became active his Commodore 64 went out on him. But by this time he was hooked on packet and went out and purchased another C-64. He plans to have the old one repaired to have as a standby in the future. In late July Sam lost his wife, Alice, to illness, at age 70. Alice was a retired former vice-president of the family owned S. Spencer Moore Company, long a Charleston landmark business until it closed in May, 1987. One of their sons, Dick, is also a Charleston area ham. Dick's call is W8DGE.

• • • •

Another ham I have been after for a long time to get back on packet is Lovell Webb, N8LW, Charleston. He dropped out when a rig went bad on him about a year ago. He has since been active in rebuilding his basement ham shack and computer room. Lovell's QTH is on one of the West side hills overlooking Charleston, a great location for a ham station.

• • • •

Rob Bailey, WM8S, Rand, is one of about half a dozen hams in West Virginia working TCP/IP. This updates a sentence in my last column when I didn't know of anybody in the state running TCP/IP.

WEST VIRGINIA NOTES

By Ted Wolfe, WD4KHL

Recently I've noted a packet beacon reading thus: "KB8AOB ID: Try a connect IPWVWC a TCP/IP mailbox node." so there is some TCP/IP activity picking up in West Virginia. Send me your items for the Journal, fellows. Let me, and others, know what you're up to.

• • • •

Still on packet, a recent visitor to Charleston — along with his packet station — was N4OKL. When I noticed his beacon I wondered where the station was located. When I connected, the operator knew me. Turned out it was John Harmon, sone of Leo Harmon, WB8DRO, a former Charleston ham who had moved to Florida about five years ago. They are now planning a return to West Virginia, perhaps as soon as December. Welcome back Leo and John! For now they are at Fort McCoy, Fl., near Ocala.

• • • •

Occasionally I get a message in my mailbox from Larry, WA4RHY, in Greenville, NC. Larry is another former Charleston area ham. It is always good to hear from him.

• • • •

From the TSRAC BNT, edited by Ralph McDonough, K8AN: Former big band leader Tommy Tucker, KB4VJG, became a silent key at the age of 86 in July in Sarasota, Fl.; TSRAC's 1989 Holiday Recognition Dinner will be held in Wheeling on Sunday evening, Dec. 3; the club's annual Amateur of the Year and TSRAC Service Award winner of the year will be announced at the dinner.

• • • •

Miscellaneous: The W8OQC 146.19/146.79 Oak Hill repeater, which has been doing a fine job from its new location on Gauley Mountain off U.S. route 60 near Ansted, WV, was out of operation for about a month after high winds in July laid down a half dozen or more trees across the power line leading to the site. There was no damage to the repeater but it took several weeks to get power restored on the mountain.

Heard the work crew on Saturday, Sep. 23 installing a new 2-meter repeater in Charleston near Yeager Airport. It is on 144.75/145.35 Mhz. I did not copy its call.

The West Virginia Amateur Radio, Inc., (formerly the Putnam ARC) nets on Sunday and Wednesday nights on WVARI's N8BHP 147.87/147.27 Mhz are also carried on the Huntington/Charleston WB8EZR 146.04/146.64 Mhz repeater via the latter's remote base setup.

• • • •

On Monday, 25 Sep. I talked with Don Williams, WA4K, of Bluefield, the Western Virginia SERA Vice-Director. Regarding the suggestion of a packet address for all SERA Directors, Don said the bulletin board he checks is **N4KZL** at Wytheville, Va., on 145.01 and 145.09 Mhz. The bbs is part of the national forwarding system, so leave messages for Don at that destination bbs.

In The Wake Of Hugo...

Don also filled me in on some Hugo related activities along the Va./WV border. By the time the storm reached that area it was principally rain and high winds. He reported the Galax 145.13, Dismal Peak 147.135 and Mountain Lake repeaters were disabled by the storm. The first two apparently due to power failures at their sites, the Mountain Lake repeater because its tower blew over. The tower should be replaced by the end of September. The Mountain Lake frequency pair is 147.465/146.865.

On Friday, Sep. 22, the day of the emergency in the area, Don said the Bluefield 145.490 Mhz repeater with emergency power did a fine job of serving hams in that area when the county court house and its Emergency Operations Center lost commercial power. Traffic was handled on 145.490 for the EOC and Red Cross and several outlying shelters.

The Princeton 147.06 repeater, also with its own emergency power, was also used in that area where much commercial power was down. Don said the Oneida Peak 146.955 repeater did not lose power and was also available during the emergency hours.

Don also related that Roanoke, Va., area hams operated two emergency nets.

Gasoline Spill

Just after 9:00 p.m. Monday evening Aug. 21 a gasoline spill occurred at a Kanawha River loading dock while the volatile fuel was being transferred from a river barge to a holding tank facility in the small community of Amandaville, WV, just west of St. Albans.

By ten o'clock public service scanner listeners were hearing about the problem and road blocks and the possibility of evacuation.

About that time the RACES section of the WVARI group activated the RACES net on a standby basis in case we were needed to assist in any way. Jerry, WD8SEN, began as net control and was relieved an hour later by Betty, WC8S.

The WB8EZR 146.04/146.64 repeater's remote base was activated and linked with WVARI's N8BHP 147.87/147.27 Mhz repeater. Both machines cover the Charleston/Huntington area. Danny, K8WOG, jury rigged a linking system to WVARI's second repeater at Liberty on 144.81/145.41 Mhz. That repeater had just been restored to service two days before after being down for several months.

Because of area interest in the problem the KJ4YK 147.69/147.09 Mhz repeater at Phelps, in Eastern Kentucky, also linked up although users of that repeater could not talk back on the linkup. They maintained the listening link until the problem was resolved. The WVARI hams were not called upon to assist. That job fell to members of the St. Albans WB8GDY 146.40/147.00 Mhz repeater club as they were nearest to the scene of the spill. Still, the WVARI group felt the exercise was valuable training for its ARES section membership.

SERA Full Membership Passes 700 Mark

Full Membership in SERA reached a new high for 1989 with a record 719 repeaters joining as Full Members. This surpassed the 1988 number by almost 200 repeater members, and beat the previous record set in 1986 by 125 repeaters.

With the inclusion of Western Kentucky and Mississippi into SERA this past quarter, there are a total of 1,285 repeaters in the eight SERA states. Our two newest Districts added 207 machines to our total number listed.

Looking at 1989 Full Membership figures, Virginia set an all-time record percentage of membership that will be tough for anyone, even themselves, to beat in the near future. Virginia came in with a whopping 92.6% membership total; more than 9 out of every 10 repeaters in that state are SERA Full Members. Total SERA territory repeaters in Virginia number 163, of which 151 are Full Members.

North Carolina, with 220 total repeaters in the State still maintained its consistent standing as obtaining more total repeaters as Full Members than any other State. This is a record the State has held since records have been kept. North Carolina has 82.2% membership, or 181 repeaters listed as Full Members.

Following third in percentage of membership was South Carolina with 70.2%, then West Virginia with 54.2%. All other states were less than 50% Full Membership.

Our new Districts didn't have time to give a complete picture of performance for the year, since their inclusion into SERA only came this past quarter. Combining East and West Kentucky memberships, they did quite well with 48 repeaters.

Mississippi, the last to join SERA, will show much more membership growth in 1990 as repeater owners there become acquainted with SERA.

Data sheets will be mailed to every known repeater trustee or contact person in the 8 states in late November. Repeater owners will have an opportunity to update.

The chart below indicates statistics of each of the eight SERA states as far as Full Membership history is concerned.

The Current 1989 column indicates the number of Full Member repeaters in each State as of press time. The 1989 member percentage indicates the percentage of Full Members based on the total February 1989 count of repeaters in that State. The final column, State Repeaters, is the number of repeaters in each State according to our February survey.

SERA FULL MEMBERSHIP-1983 TO DATE   Correct thru #448 10-12-89

STATE	FINAL 1983	FINAL 1984	FINAL 1985	FINAL 1986	FINAL 1987	FINAL 1988	CURR 1989	1989 MBR %	STATE RPTRS
N.C.	100	83	149	147	123	145	181	82.2%	220
S.C.	24	35	56	43	44	46	59	70.2%	84
VA.*	58	60	92	88	98	99	151	92.6%	163
W.VA	28	21	41	40	51	39	51	54.2%	94
TENN.	47	58	85	63	80	80	111	40.9%	271
GA.**	9	18	109	125	110	100	104	42.3%	246
KY***	1	4	18	21	19	15	48	40.0%	120
MISS***	--	--	--	--	--	3	12	13.8%	87
ALA++	1	1	4	67	7	5	2	---	--
TOTALS	268	280	554	598	532	527	719	55.8%	1285

* Total Virginia list does not include 41 repeaters which are in- T-MARC territory, North of Highway 33 and Latitude 38-deg.North.

** GA assumed SERA District Status in mid-1985.

***EKY assumed SERA District Status in 1985, Western Ky in late 1989. District renamed Kentucky (KY) District.

***MS assumed SERA District Status in late 1989.

++ AL is not a SERA District

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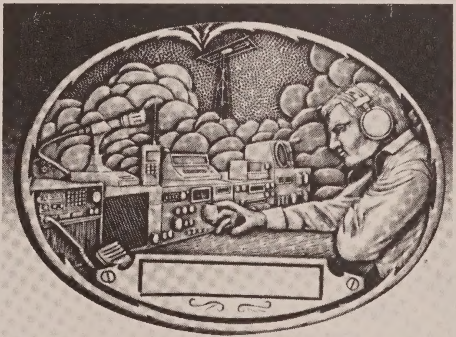

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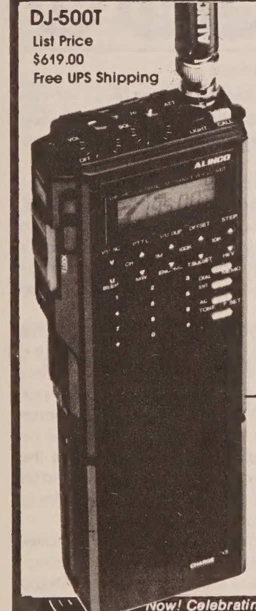

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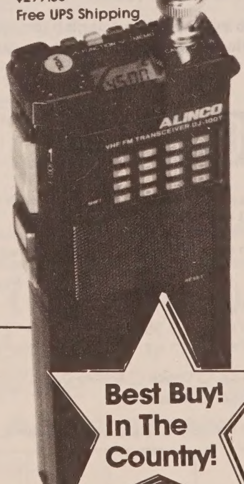

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Journal To Discontinue Listing Digipeaters

After a lengthy discussion at the August SERA Board meeting, it was agreed to discontinue listing of Digipeaters in the SERA Repeater Journal Repeater Index.

Wayne C. Williams, K4MOB, editor of the Journal told the gathering, "We either need to list all Digipeaters, or list none of them." "The lists we have are completely outdated, and contain only a fraction of the actual digipeaters that have sprung up over the past few years."

He said that bulletin board lists from several state organizations listed almost 100 Digis, BBS, LAN systems and other forms of packet relays in each of the states.

"Unlike our repeaters, Digipeaters can be anybody on packet," Williams said, "And the lists would get out of hand if we started publishing them all."

Williams estimated that it would take 8 additional pages in the Journal just to list all the Digipeaters that come from lists he has seen.

The Board agreed, 13 pages of regular Repeater index, plus 8 pages of digipeaters would be too much to handle, update and publish each quarter with a limited staff, such as we have with the Journal and computers.

"We are not letting anyone down by not publishing a list of Digipeaters," Williams added, "Any person on packet has immediate access to numerous statewide digi lists on just about any bulletin board." "This is where we have seen such enormous listings of digipeaters across many of our states."

Williams told the Board that the lists would be purged from the printed index of the Journal beginning with the November issue.

SERA does not coordinate digipeaters. The organization only recommends simplex frequencies which are alloted for digital operation. Various Statewide digital organizations in most SERA States are doing a good job in getting things in order, assigning specific digital simplex frequencies for various types of digital communications within the community, across the state, and from state to state. Each of these organizations keep very updated listings of digital operations within their area.

Publishing digipeaters in the Journal would be redundant and would continue to be quite lacking in accuracy.

KA4VXM Graduates From The Air Force Academy

Jeffrey Todd Wimmer — KA4VXM, from Roanoke County, Virginia graduated from the U.S. Air Force Academy recently. Jeffrey is the son of Van — WA4BIX & Rose Wimmer —WA4TLH. He has a brother Allen — KA4VXN who graduated from the academy in 1988 and Michael — KA4VXO who is in the 12th grade.

Jeffrey received a Bachelor of Science Degree with a major in Psychology.

He was active in the Roanoke, VA Squadron of The Civil Air Patrol and was Cadet Commander with the rank of Lt. Col. at the time he entered the academy. His Virginia Army Mars call is AAT3EL.

Jeffrey, married to Linda Lauderman of Denver, Colorado, has been assigned to Undergraduate Pilot Training at Laughlin Air Force Base in Del Rio, Texas. His training will begin with T37 & T38 Jets.

Blind Packeteer

Continued from Page 16

code, is what beginners first learn. Grade two braille is a more comprehensive braille shorthand.

The radio he uses is a Kenwood 7930.

Dave noted that when operating packet, all input and output must be done directly in computer braille. He says the hardest part is remembering the difference in how the characters are made in the respective braille codes.

A new system such as Dave's costs around $6,000. The cost is high because it is a proprietary one with limited demand. Dave's eleven pound refurbished unit was purchased for him by the Division of Vocational Rehabilitation at a cost of $3,570 after he demonstrated to them in a proposal the numerous ways it could be useful to him in his work, not the least of which was the ability to produce documents for the sighted.

And a couple of final personal notes: Dave is single and, according to him, "looking." He says, "I don't like to cook." He is always accompanied by his faithful guide dog, a yellow Labrador Retriever, "Nuzzle," which has been his companion the past two years.

Dave lives in an apartment close to the capitol complex. His digipeat alias is CAPSTA (Capitol station). Sam Moore, W8NCD, took the color photo accompanying this article.

REPEATER JOURNAL VE/VEC EXAMINATION SCHEDULE

TENNESSEE

Blount County, Maryville WCARS-VEC

Second Monday-Each even month, 7:00 P.M. at St. Andrews Church Hall - Maryville, walk-ins normally accepted. Contact: Carrol Peabody, W4PCA (615) 982-5839. June 12, August 14, Oct. 9, and Dec. 11.

Carter County WCARS-VEC

Walk-ins accepted if registered by 8:45 a.m. Exams some Saturdays at 9:00 a.m. Contact Joe Hopkins, K4BKI, (615) 543-4022 for schedules.

Chattanooga WCARS-VEC

Exams held at Red Cross Building. Pre-registration required 2 days in advance. For scheduling information, contact Bruce Adams, KA5DLV (615) 899-9687.

Cleveland WCARS-VEC

Quarterly Exams at STAR Club Building. (Remaining 1989 schedule -Dec. 2 & 3) Walk-ins normally accepted. Contact: Russell E. Lawson, WB4LCB, (615) 476-8476. Alternate contact, Herschel N. Hamby N4ADO, (615) 472-1752.

Fentress County WCARS-VEC

Walk-in exams scheduled. For information contact: Mike Ledbetter, AB4BX, (615) 879-8626 or alt: Steve Qualls, KJ4HT, (615) 879-7517.

Greeneville WCARS-VEC

Exams on 4th Saturday of each odd-numbered month at Cumberland Presbyterian Church. Walk-ins normally accepted. Contact Tom Austin, K4OTM (615) 639-3465 or alt: Jack Creed, K4EPC, (615) 638-7056.

Henry County WCARS-VEC

Exams with walk-ins held at Henry County High School, Paris. Contact Mackie Gallimore AA4YF, (901) 247-5489 for future schedules. Alt. Les Merrell, KQ4F, (901) 642-5966.

Jasper WCARS-VEC

Walk-in exams held Sunday afternoons at Jasper Public Library. For schedules, contact: Charles Wooten, KD4XX, (615) 942-5116.

Knoxville WCARS-VEC

Third Saturday of each month normally. Pellissippi State Tech. Room B-129. Pre-registration required. Contact: Ray Adams, N4BAQ (615) 688-7771. Alt. Rich Slover, ND4F, (615) 525-5923. Also scheduled at Knoxville Hamfest each May.

Loudon County, Loudon WCARS-VEC

Fourth Saturday of each even month, at Third National Bank on U.S. 321, East of Lenoir City. Walk-ins normally accepted. Contact: Bob Gray, KE4SK (615) 458-6115.

McMinn County WCARS-VEC

Exams on 2nd Monday evening at 8:00 p.m. of each odd numbered Month, at Athens Municipal Building Council Chambers. Walk-ins accepted. Contact Ben C. Dickson, W4NEG, (615) 745-2198.

Morgan County WCARS-VEC

Second Saturday of each odd month at Joyner Volunteer Fire Dept., Coalfield. Walk-ins normally accepted. Contact: Paul Seavers, AA4UP (615) 435-6052.

Roan County WCARS-VEC

Second Saturday of each even month at Pond Grove School, Rockwood. Walk-ins normally accepted. Contact: Richard Spillee, AA4KS, (615) 354-4281. Alt. Bill Smelcer, KA4AAD, (615) 882-9070.

WEST VIRGINIA

Bluefield W5YI-VEC

Exams (Novice thru Extra) second Saturday each Quarter, Feb., May., Aug., and Nov. 9:00 a.m. Bluefield State College. Walk-ins are preferred. Contact: Don Williams, WA4K, (Bluefield VE Team) (703) 326-2411 or (703) 326-3338.

Charleston, W.Va. W5YI-VEC

The Kanawha Valley group gives Novice thru Extra class exams at 9:00 a.m. 2nd Saturday of each month, at Holy Trinity Catholic Church in Nitro. Walk-ins are accepted. Talk-in on the 40-00 St. Albans repeater.

VIRGINIA

Danville W5YI-VEC

Exams held last Tuesday of each month January through November at Danville Community College, Hill Building. Contact Jim Bond, AB4FZ, (804) 799-2422 for further information.

Roanoke WCARS-VEC

Upgrade Exams Only. Novice Testing on Request (Call for info) Pre-registration is required. For location and other information call Fred L. Horton, KZ4Y, (703) 366-6266. Tentative schedule: Feb.13 and May 27, 1990.

Virginia Beach ARRL-VEC

Remaining 1989 schedule: Dec. 2, Virginia Beach. Contact Tom Weikel, KA4UNC 340-7697. Walk-ins are accepted, but you must call for information and requirements in advance, before showing up for exams.

GEORGIA

Augusta WCARS-VEC

Exams on 2nd Saturday of odd numbered Month at Sue Reynolds Community Center. Code tests 10:00 a.m., written elements at 11:00 a.m. Walk-ins normally accepted. Contact Jim Abercrombie, N4JA, (404) 790-7802.

(Metro Atlanta Area Examinations)

Lawrenceville W5YI-VEC

Exams scheduled 1st Sunday each month at 2:00 p.m. at Jackson EMC, 461 Swanson Rd., Lawrenceville. Fee $4.75. Walk-ins accepted. Contact Duane Reynolds, WB2YAD, 962-9582.

Stone Mountain CA-VEC

Schedule is 2nd Saturday of each month, at 8:30 a.m. at Stone Mt. Methodist Church, 5312 W. Mt. St. Walk-ins accepted. Contact Hal Martin, KI4RD, 469-6430. Fee $4.00.

Southern Tech CA-VEC

Exams on 3rd Saturday each month. Walk-ins accepted. 9:00 a.m., at Southern Tech, Room 209, Classroom Bldg.. (Exit 112 from I-75) Contact Hal Martin, KI4RD, 469-6430. $4.00 fee.

DeKalb County CA-VEC

Walk-in exams held 4th Thursday of the month at 7:00 p.m. at DeKalb Co. East Precinct, Lithonia. Contact Harvey Pearson, WB4PHF, 972-5061. Fee $4.00.

South Atlanta ARRL-VEC

Walk-ins accepted for exams held on 4th Sunday each month at 2:30 p.m. at Church of the Atonement on Highpoint Rd. Contact Neil Foster, KC4MJ, 449-3340. Fee $4.75.

Dalton WCARS-VEC

Final exam of 1989 on Dec. 23, Unity Methodist Church at 4:00 p.m. Pre-registration required day before exam. Contact Bert L. Coker, N4BZJ, (404) 673-2214.

KENTUCKY

Hazard WCARS-VEC

Examinations usually held on some Tuesdays at 7:00 p.m. at Ray G. Eversole School. Walk-ins normally accepted. For exact dates and additional information, contact John Farler, K4AVX, (606) 436-5354.

Middlesboro WCARS-VEC

First Saturday of each even numbered month at Middlesboro Library. Walk-ins normally accepted. Contact Wade Bevins, WA4OBL (606) 337-8165, or alternate James Dyke, KZ8A, (615) 869-4453.

NORTH CAROLINA

Asheville WCARS-VEC

Exams on last Saturday of January, April, July and Oct. at 9:00 a.m. at Health and Social Services Bldg. Walk-ins normally accepted. Contact Garland Lance, NC4N (704) 667-3758.

Raleigh and Durham

Raleigh ARS and Durham FMA VEs conduct examinations alternating monthly between Durham and Raleigh. Pre-registration generally requested, but walk-ins are accepted until 30 minutes prior to exam time. Contact: AA4MY or KY4Y for further information and schedules.
(Editor's note: DFMA repeater in Durham is 825-225. RARS machine in Raleigh is 04-64 to assist in getting information.)

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Sumter Amateur Radio Association

DATE: Saturday, 11 November 1989

TIME: 9:00 A.M. till 4:00 P.M.

PLACE: Sumter County Exhibition Center
700 W. Liberty St. Sumter, SC.

TICKETS:	Preregistration	$4.00
	At the Door	$5.00
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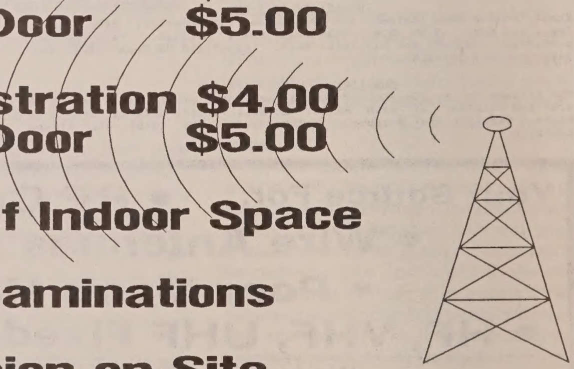

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- Bell Function
- Beep Function
- Repeater Reverse Function
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FOR TRAVEL TO THE 1989 KNOXVILLE HAMFEST
JOE'S TRAVEL FUND

Carol Whetstone, N4LFR and her husband Jerry, N4IJL and helpers traveled to several hamfests last year, raising money to bring Joe and kids from New York to Knoxville as special guests of the RACK club.

RACK guests arrive in Knoxville. Nickel Santiago, KB2GGW and Ralphy Vasquez, KB2HVR are hugged by Joe Faircloth, WB2JKJ as RACK club members greet them. The three were guests of the Knoxville Club.

— by: Carol Whetstone, N4LFR

"I've never made best friends with anyone so fast before," were the words of 15 year old Nickol Santiago, KB2GGW after her visit to the 1989 Radio Amateur Club of Knoxville's 23rd annual Hamfest May 20th in Knoxville, Tennessee.

In 1987 at the Huntsville, Alabama Hamfest, Carol Whetstone, N4LFR and her husband Jerry, N4IJL met the executive director of the Radio Club of JHS #22 in New York, Joe Faircloth, WB2JKJ. Joe and his program "Education thru Communication," using amateur radio as a teaching tool, made such an impression on Carol she wanted to become involved and help in any way possible.

Upon returning to Knoxville and approaching several RACK Club members, they decided to raise money to bring Joe to the 1988 Knoxville Hamfest. Thru car washes and donations, enough money was made to buy Joe a plane ticket to Knoxville. During Joe's visit he made the same impression and stirred the hearts of many Knoxville Hams who wanted to help the children of JHS #22. When he told some of the stories of the children and how they needed Hams to contact them on the air on 15 and 40 meters everyone was still waiting for his punchline on how much money he needed for his program. But for some reason it never came up.

Joe's sole purpose in his program was for the kids at JHS #22 to meet Hams across the country, establish relationships, and broaden their minds to what awaits on the outside of their classroom window for them.

They have Roger Wells, W4IPM in Valpariso, Fl., who has given them assignments on the air and when the student finds the answer and tells Roger he sends them a reward, such as sand from Florida, etc. Then there is Neal Parent, KE8OM in Lima, Ohio who is on 7.238 mhz every morning so when Joe is still on the freeway hung up in traffic, Neal starts calling the classroom Net at 7:00 A.M., or if Joe is out of town Neal is right there to take over. Then they pickup the new guys like W0ZMR, Bill Stegner who has been a Ham for 40 years. The first day of summer school this year, July 10th, Bill contacted the Crew at 22. When he found out they couldn't turn their beam his way the Crew received a new 4 wire rotor.

Several of the kids have made their own personal contacts who they look forward to meeting schedules with each day. Nickol, KB2GGW, clicked with Ted Sneed, WD6FWB in California. After Ted's encouragement to Nickol on the air for 2 years she got her license. This past June, Nickol graduated and Ted drove from California to the Big Apple to see her and spend time with her during graduation week.

After hearing all these stories Carol and the "East Tenn. 22 Crew" supporters decided there was a special project they could do to help out. Beginning in December of 1988, 6 ladies of the RACK Club made crafts, flower arrangements, stadium blankets, baked goods, and almost anything marketable to sell and started at it. They went to every local Hamfest possible, Dalton, Ga., Morristown, Tn., Sevierville, Tn., Oak Ridge, Tn., and put up their signs. Their goal was to raise enough money to fly Joe and the most improved male and female student to the 1989 Knoxville Hamfest for 4 days.

The lucky winners were Nickol Santiago, KB2GGW and Ralphy Vasquez, KB2HVR. When the plane landed in K-Town it was not the average flight. They were to arrive on May 18th at 5:00, as they were the featured guest for the monthly RACK Club meeting that evening. Needless to say, things did not go as planned. For Ralphy's first plane ride he had quite an experience and finally arrived at 10:00. From the moment they stepped off the plane they won the hearts of every person they met. Enough money had been made and donated to give each of them $100 spending money. The kids had the time of their lives. From the Hamfest to Dollywood they were on Cloud 9. Each person they met fell in love with them from the first moment. When it came time to pack to go home, all of a sudden there was a lot more to take back. From name badges and Teddy Bears to Baseball caps and candy.

These two students not only made friends who will always be in contact, but saw a totally different concept of Ham Radio. When Joe told them he was leaving for a Hamfest they were not quite sure what he meant. Now they had first-hand experience to remember always.

For the 1989-90 year RACK has Carol for their president. The plans are already in the making for next year's trip, and fund raising has begun. All of this is a result of stopping by the table 3 years ago when there was this guy with a Tee shirt on and an apple with a bite out of it says, "WB2JKJ — The Crew at 22 at the Core of the Big Apple!"

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RICHMOND FROSTFEST XIII

Winter Amateur Radio and Computer Show

SUNDAY, JANUARY 14, 1990

Virginia State Fairgrounds, Laburnum Avenue, Richmond, Virginia

Hours: 8:30 A.M.-3:30 P.M.

An ARRL Approved Event

Presented By The Richmond Amateur Telecommunications Society

GENERAL INFORMATION

DEADLINE FOR ALL RESERVED SPACES AND ADVANCE TICKET SALES IS DECEMBER 29, 1989. No space reservations or advance tickets after that date. Any unsold spaces will be available on the day of the show. All monies for advance tickets and reserved spaces must be received no later than January 5, 1990.

Amateur Radio exams given at 10:30 A.M. Pre-registration recommended. Limited Walk-Ins. Contact Al Bailey at (804)233-6461 or Phil Giella at (804)561-3020.

Exhibitor, hourly, and major door prizes. Hourly door prize drawings begin at 10 A.M. Major prizes drawn at 3:30 P.M.

Building available for set-up from 2:00 P.M. until 10:00 P.M. on Saturday the 13th. Will re-open at 6:00 A.M. Sunday for set-up. Armed security at all times.

Talk-in provided Sunday morning on the 146.88 and 145.43 repeaters.

TICKETS AND RESERVATIONS: Mark Huff, WA4DHY, (804)747-0227 Evenings 7 PM - 10 PM
OTHER INFORMATION: Bill Mason, AB3P, Frostfest Chairman, (804)745-5822

- -

REGISTRATION FORM

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BUSINESS NAME or AMATEUR CALL SIGN ______________________________

ADDRESS ____________________ CITY ____________ STATE _____ ZIP _______

_____ ADVANCE TICKETS @ $5.00 EACH.. $__________

_____ GENERAL TABLES (8') @ $10.00 EACH.. $__________
(Non-Commercial Exhibitors must also purchase General Admission Tickets)

_____ COMMERCIAL TABLE SPACES (8') @ $20.00 FIRST TABLE,
$15.00 EACH ADDITIONAL TABLE.. $__________

_____ RV OVERNIGHT PARKING FEE @ $15.00.. $__________
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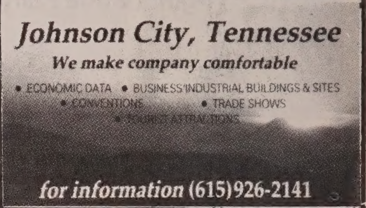

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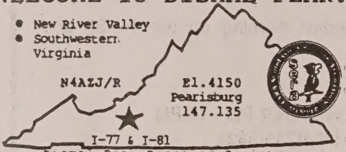

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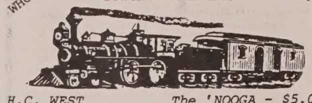

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A Note From Your Director. . . .

Mississippi's New Coordinator, SERA!

— by Steve Grantham, N5DWU
SERA Mississippi Director

Yes folks, SERA is Mississippi's official Repeater Coordinator. At it's August 1989 board meeting, the directors unanimously approved acceptance of Mississippi as an SERA district.

"What does this mean? How does this change things? What should I do? Who should I send coordination requests to?"

SERA is the SouthEastern Repeater Assn. SERA has been around for quite a while. Its major purpose is to provide support to Local Coordinators. Until now, the thankless job of Frequency Coordination for Mississippi had been left to individual volunteers. These volunteers could not easily recoup the expense involved in doing the job, nor did they have an organized constituency. Now, with SERA, Mississippi has these things, and other benefits too numerous to mention here.

The SERA has two types of memberships available, Full and Associate. The associate membership is for repeater users, for anyone. The full membership is for repeater owners and trustees. I encourage every repeater trustee and owner to join, as well as repeater users and other hams from all over Mississippi. Look for membership forms elsewhere in this issue of the Journal.

I've heard comments from several repeater trustees that all boil down to just this, "I'd join, but the decision is up to the club." I have no problem with folks following thru with the wishes of their club but, clubs and committees never seem to get around to it. My recommendation is to go ahead and join. Then, if you get chastised for doing the responsible thing by supporting the cost of coordination, you can say, "Don't worry about it guys, it's not costing you a dime."

For now, Mississippi coordination requests should continue to be sent to Steve Grantham, N5DWU, P.O. Box 127, Ellisville, MS 39437. Your requests will continue to be processed as before.

In the future, we hope to split up the coordination responsibilities in Mississippi to give better and more timely service. Having more than one person working on coordination in Mississippi under SERA's umbrella will give numerous other benefits. Closeness, and improved communications between the coordinator and his peer full members is one benefit. Also, with a smaller area to coordinate, the coordinator will be more familiar with what's going on in his area of responsibility. Initially, we hope to be able to expand to at least two coordinators in the district.

Thanks, and I look forward to continuing to serve you.

The 1989 Biloxi Hamfest, Success Again!

The 1989 Biloxi Hamfest was, seemingly, another success for the Mississippi Coast ARA (MCARA). The crowds were large, and the diversity of new and used gear and just plain old junk was greater than ever. (Remember, "One man's junk is another man's treasure.")

There were at least two equipment manufacturers represented, and some five or six dealers present. The indoor swap tables were sold out before sunrise on Saturday morning (these were first come, first served). This didn't seem to be a problem Saturday, as the weather was warm and humid. On Sunday though, it was rainy and cold. That kinda put the hurt on the outdoor flea market. Fortunately, some of Saturday's indoor flea marketeers didn't return, and there was room inside for everyone.

There were folks there of all ages and interests. (Sounds like a bunch of hams, huh?) There were folks politicking for ARRL offices, and plenty of packet, net, and repeater folks promoting their interests too!

Fall weather on the Gulf Coast is quite unpredictable. I always pack everything from summer to cold weather items for the weekend trip.

For over a decade, the MCARA, Biloxi Hamfest has been held at the same location on US 90. The fest is held in an old hangar at the west end of the Biloxi-Ocean Springs bridge. The hamfest takes place, each year, on the first full weekend in October.

Crowded it was, but interesting. If you'd like to get away from it all for an October weekend in 1990, come on down. There are plenty of accommodations available on the coast that time of year.

See you then! (Steve, N5DWU)

No More Renewals?

With talk of Amateur license fees to come, and continued federal deregulation, we naturally begin to think of ways to make life easier for everyone.

A "Lifetime Amateur License" could be just what the doctor ordered, or could it? The lifetime license would certainly lessen the paperwork burden on the FCC. Without renewals to process, the renewal fee issue would be moot.

Of course, should license fees come to pass, fees would still apply to upgrades and new licenses. The lifetime license would, however, benefit the average ham with an average savings of four to seven renewal fees (based on the current ten year license).

The lifetime license would decrease churn in the Amateur ranks, as the license would not expire, and not require retesting for or reissuance of licenses.

The one drawback I do see is the cancellation of Silent Key licenses. On the one hand, this is a problem now, as no one but the spouse of a silent key can report the death of a licensee. On the other hand, a seventy-five year license term as opposed to the current ten year term, would seem to be long enough to not require renewal, and still clear the files of dead licensees.

What do you think? Do we need to petition the commission? And, what should we ask for? (Steve, N5DWU)

Mississippi Repeater News!

— by Steve Grantham, N5DWU

The last few months have been quite hectic for the Mississippi Repeater Coordinator. Several new repeaters have been coordinated and have come up on the air.

• • • •

Recently, the Pine Belt RA put on the 147.060 machine in Hattiesburg. And, that's probably not the last we'll hear from them. They have plans to install a 70 cm repeater in Hattiesburg in the near future. Also, the group plans to do some heavy duty full duplex intercity linking in South Mississippi. Listen for KC5K/R on 147.060 MHz.

• • • •

The KA5LNY repeater in Magee is now operating from its regular coordinated location. The Magee repeater on 147.300 MHz seems to have very good range, and provides two meter continuity along US Hwy. 49 between Jackson (the capitol) and the Gulf Coast. Other repeaters along the route include 146.760 — W5AXQ — near Jackson, 147.090 — N5MRS — near Prentiss, 146.610 — WV5C — near Laurel, 147.060 — KC5K — Hattiesburg, 145.270 — KA5DZJ — Wiggins, and 146.730 — K5OS — Gulfport (on the coast).

• • • •

For you 70 cm fans, there are the 444.000 and 444.800 — KB5CO repeaters in the Jackson area. There's a 70 cm machine under construction near Magee, and one going up in Hattiesburg. Then, there's the AJ0X repeater in Laurel.

• • • •

The AJ0X — 443.500 repeater sports an RC-85, and a two meter remote base. The AJ0X 70 cm machine has excellent range for mobiles running as little as ten watts.

• • • •

The N5MRS repeater near Prentiss is reported to be sporting a new remote base, and has quite good range. Check into the N5MRS repeater, and say hello to Troy and the guys. They're very friendly and helpful.

• • • •

The N5DWU repeater has recently moved from 146.670 to 146.865 MHz. Not only has it changed frequency, it has changed hardware. The new machine retains a GE MASTR Pro receiver; while retiring the GE transmitter in favor of a Hamtronics exciter and a solid state power amplifier. Going all solid state, the repeater now has battery backup. The repeater also sports a CTCSS decoder that can be turned on and off via touchtone, as required, to deal with distant interference due to band openings and such. The site and antenna system remains the same as before.

• • • •

If you'd like to see information about your repeater in the Journal, drop me a note. I'd be glad to include it. Don't forget, you can submit articles to the editor direct too!

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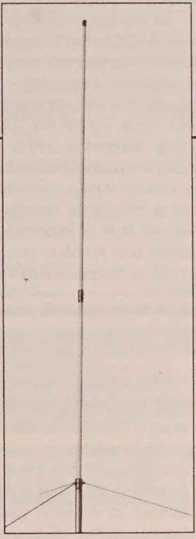

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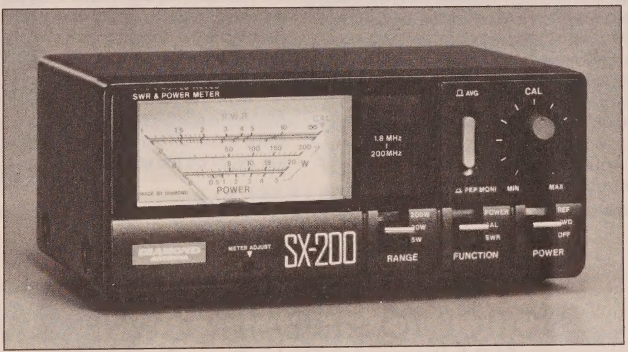

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Thoughts on the Formation of a Statewide Intercom Network for Amateur Radio Repeaters (or How to Increase Incentive to Operate 220 MHz.)

— by Steve Grantham, N5DWU

With all the talk and action on and about the 220 MHz Amateur spectrum, it's quite natural to be thinking of ways to encourage activity on the band. This is, perhaps, one way we might see 220 FM activity get a foothold in Mississippi, or any other SERA state.

Seventy-five meters is great for handling a good deal of traffic relating to disasters, natural or otherwise. The major problem I see with HF for intrastate communications is the reliance on skywave propagation, and the seasonal nature of such. A VHF network could be developed to intercom many of a state's repeaters. Such a network could greatly enhance Amateur capabilities for responding to our public service mission by making our communications more reliable.

The proposal basically solicits the installation of 220 MHz FM Remote Bases on strategically located repeaters in the state. Initially, the intercom network would operate on a designated simplex channel. Later, as further plans and details could be worked out, the installation of a hub repeater on a tall tower could increase the worth of the network. This might even be expanded to two or more linked hub repeaters. With the advent of all those "fancy pants controllers" today, and state-of-the-art signalling techniques, on demand linking could be achieved. This, rather than scheduled or prearranged link-ups, would greatly facilitate the handling of urgent communications.

How does this help the 220 gap in your state, you say? With the installation of the network, the folks doing the work on same will undoubtedly purchase and get on the air with rigs initially intended for testing purposes. Once these guys get on the air with their rigs and HT's, there will be a demand for more 220 MHz repeaters.

We need more 220 repeaters. We must realize that the two meter band is becoming increasingly crowded. As we continue to develop and install repeater systems, the two meter spectrum will fill up.

Where do we go? Though there has been an apparent preference for the use of 440 MHz for an alternate band, 220 MHz is a good band. 220 has similar propagation characteristics to the two meter band. The fact that the 440 MHz band has generally shorter range leaves the 220 band preferred for long range linking.

Add all this up with the "USE IT OR LOSE IT" school of thought, and the 220 band is the place to be.

Though I wouldn't think it would be the place to handle health and welfare traffic (let's leave that to HF, packet, CW and such), the intercom network could be used for more urgent traffic and tactical communications.

Now the idea may not sound all that original to some of you, but it might just have some merit. Let's give this some thought. This just might be the ticket!

SouthEastern Repeater Association, Inc.

NOTICE TO REPEATER OWNERS

SERA Repeater Data Base Sheets Will Be Mailed To You In Late November

These Data Sheets Serve A Twofold Purpose

To Update Any Information About Your Repeater
To Join or Renew Your Full Membership

Data Base Sheets will be mailed only to the trustee on Record for each individual repeater. Please see that this sheet is completed and returned prior to December 31, 1989. You do not have to Join SERA to have your Repeater Listing corrected.

Please remember, the information contained in the SERA Repeater database is used to supply the ARRL information for future National Directories, and is used by area coordinators when coordinating new repeaters.

It is in your best interest to see that we have correct listings of all your repeater systems. Remember, membership in SERA is not a prerequisite for maintaining your listing.

Arkansas Sez No Thanks To SERA — YES To MACC!

Early last summer, representatives of SERA were invited to meet with repeater owners of Arkansas at the Little Rock hamfest. They apparently wanted to see what SERA had to offer in the form of a coordination umbrella. SERA did not, nor has it ever solicited any membership form any State to become a District of SERA.

Our (unwritten) policy allows us to only make our presentation, if asked, and only then make a pitch for our membership in our organization. After the meeting, the Arkansas owners concluded that their present setup of coordination was working, and they didn't feel SERA had anything to offer.

In the October 13 issue of Westlink Report, it was reported that Arkansas, on October 2nd became the eleventh state to join Mid America Coordination Council (MACC).

In the absence of any announcement from MACC to the Repeater Journal, we must assume the Westlink story is correct.

(Editor's Note: SERA may not be the biggest, but we certainly feel we are the best and most tightly knit organization in the nation. We are the only one with a centralized repeater database, allowing all our coordinations instantaneous access and the only one with a magazine capable of providing the needed flow of information to our repeater owners and Amateur population. I guess this isn't what Arkansas was looking for.)

STOLEN RADIOS!

Don Anderson, WD8OOR of Bluefield, W.V. reports the theft of two Amateur Radios from his vehicle on October 4th.

Both radios are dual-banders, one a mobile and the other a handi-talkie. Don indicated that a reward would be offered to anyone giving information leading to the return of the radios.

The mobile radio is an ALINCO DR-510T Serial #000984. The handheld is an ALINCO DJ-500T Serial #000562.

Anyone with any information regarding these radios are asked to call Don at (304) 325-3022.

Directors Needed For NC and SC

SERA President Carter Cogle, K4ARO told the Repeater Journal that the states of North Carolina and South Carolina are badly in need of candidates for Director and/or Vice Director. Anyone who feels they would be dedicated to do the job are invited to write Cogle for specifics.

Presently both states are without Vice-Directors or any Assistant Directors. Applicants must be Full Members of SERA.

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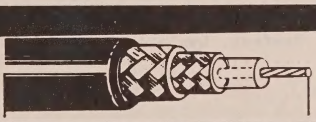

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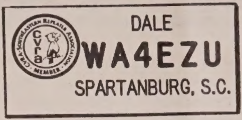

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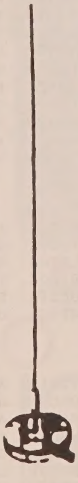

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11-12..........Hamfest, FT. LAUDERDALE, FL
12..........11th Annual Hamfest, CONCORD, NC
18..........12th Annual Hamfest, MONTGOMERY, AL
18..........Hamfest, SUMTER, SC
18-19.....ARRL Fl.Sec.-Suncoast Conv '89, TAMPA, FL
25-26..........Hamfest, GREENSBORO, NC

JANUARY, 1990

14..........Frostfest, RICHMOND, VA
20..........GARS Hamfest, GREENWOOD, SC
20..........Hamfest, FT.MYERS, FL
20..........Citrus Cty. Hamfest, CRYSTAL RIVER, FL
27*..........Hamfest, SEVIERVILLE, TN
28..........Hamfest, GREENVILLE, AL

FEBRUARY, 1990

3-4..........Tropical Hamboree, MIAMI, FL
10*....SAMI Ham Radio & Computerfest, CAVE CITY, KY
17*..........Hamfest, PENSACOLA, FL
17-18..........S.Fl.ARRL Conv/Hamfest, SARASOTA, FL
17-18*..........Hamfest, JACKSON, MS
18..........Hamfest, ELKIN, NC
24*..........Hamfest, STUART, FL
24*..........Hamfest, DALTON, GA
24*..........Hamfest, CHARLESTON, SC
24..........Hamfest, BROOKSVILLE, FL
24-25.....Great Lakes ARRL Div Conv.,CINCINNATI, OH
25..........13th Annual Hamfest, FAYETTEVILLE, WV
25*.....Vienna Wireless Soc. Winterfest, VIENNA, VA

MARCH, 1990

3*.........Mammoth Cave ARC Hamfest, CAVE CITY, KY
3*..........Swapfest, MORRISTOWN, TN
4*..........3rd York Winterfest, DOVER, PA
10-11*..........Hamfest, LAFAYETTE, LA
17-18..........Hamfest/Computer Show, CHARLOTTE, NC
17-18..........Swapfest, FT. WALTON BEACH, FL
24-25*..........Hamfest. COLUMBUS, GA
24-25..........Hamcation, ORLANDO, FL
25*..........Hamfest, TIMONIUM, MD
31..........Hamfest/Computer Show, CHARLESTON, WV

APRIL, 1990

7-8*..........Hamfest, LITTLE ROCK, AR
7..........Hamfest Kennehoochie, MARIETTA, GA
8.....NC State ARRL Conv/RARS Hamfest, RALEIGH, NC
14*..........Hamfest, OAK RIDGE, TN
21-22*..........Georgilina Hamfest, N.AUGUSTA, SC
27-28-29..........Hamvention, DAYTON, OH

MAY, 1990

5-6..........51st Annual Hamfest, GREENVILLE, SC
12-13*..........Hamfest, TOCCOA, GA
19*..........NW Ark. ARC Hamfest, SPRINGDALE, AR
19-20..........Hamfest, BIRMINGHAM, AL
19-20*.....Andrsn, Hrtwl, Toccoa RC HF, HARTWELL,GA
19-20*..........Hamfest, BATON ROUGE, LA
20..........TSRAC Hamfest, WHEELING, WV
26*..........DurhamFest, DURHAM, NC
27*..........30th.RVARC Mayfest, ROANOKE, VA
27*.........MD. FM Assn. Hamfest, W. FRIENDSHIP, MD

REPEATER JOURNAL

JUNE, 1990

2..........24th Annual Hamfest, KNOXVILLE, TN
2..........Athens RC Annual Hamfest, ATHENS, GA
2-3*..........Clev. ARC Starfest, CLEVELAND, TN
3*..........Hamfest, COLUMBUS, OH
3*..........Hamfest, HUMBOLT, TN
3*..........Hamfest, MANASSAS, VA
3*..........Hamfest, MUNCIE, OH
8-10..........ARRL Nat'l Conv. KANSAS, CITY, MO
9..........Hamfest, WINSTON-SALEM, NC
9-10..........Hamfest, ALBANY, GA
17*..........Hamfest, FREDERICK, MD

JULY, 1990

7-8*..... St.Rad.Counc/Hamfest, JACKSON'S MILL, WV
7-8*..........HamFestival, ATLANTA, GA
14*..........Summer Swapfest, CARY, NC
21*..........Hamfest, BLUEFIELD, WV
28-29..........WCARS Hamfest, ASHEVILLE, NC
29*..........BRATS Hamfest, TIMONIUM, MD

AUGUST, 1990

4-5*..........Hamfest, JACKSONVILLE, FL
5*.........41st Winchester Hamfest, BERRYVILLE, VA
11*..........Hamfest, PARKERSBURG, WV
11-12*..........ARK-LA-TEX Hamfest, SHREVEPORT, LA
11-12.....2nd High Point RC Hamfest, HIGH POINT, NC
12*..........Central Ky Hamfest, LEXINGTON, KY
12*..........Central ARRL Hamfest, GEORGETOWN, KY
18-19......SE Div.ARRL Conv/Hamfest, HUNTSVILLE, AL
25-26..........Hamfest, MADISON, GA
25-26*..........Computerfest 89, DAYTON, OH
26*..........Hamfest, CEDARS OF LEBANON, TN

SEPTEMBER, 1990

1-2*..........33rd Annual Hamfest, SHELBY, NC
8-9*..........Hamfest, MELBOURNE, FL
8-9*..........Hamfest, MOBILE, AL
8-9*..........Hamfest, LOUISVILLE, KY
9*.........Foundation AR Hamfest, GAITHERSBURG, MD
15-16.....Hamfest/Computer Show, VIRGINIA BEACH, VA
15-16*..........Cincy Hamfest, CINCINATTI, OH
16*..........Hamfest, CLEVELAND, OH
22*..........Hamfest, SPRUCE PINE, NC
23*.........Hamfest, Lanierland ARC, GAINSVILLE, GA
29..........Hamfest, ANNISTON, AL
29*..........TARA, Hamfest, HUNTINGTON, WV
29-30*..........Hamfest, BILOXI, MS

OCTOBER, 1990

6*..........Hamfest, ROME, GA
6-7..........Hamfest, BILOXI, MS
7*.........2nd Annual JARSFEST Hamfest, BENSON, NC
7*..........Hamfest, ROCK HILL, SC
13-14*..........Hamfest, MEMPHIS, TN
12-14*..........11th Ham Com-Vention, HOUSTON, TX
13-14*..........Hamfest, W.PALM BEACH, FL
14*........13th Annual CARA Hamfest, HOWARD CTY, MD
14*..........Hamfest, MAYSVILLE, NC
20*..........1st Annual Hamfest, SMITHFIELD, NC
20..........Tri-Cities Hamfest, GRAY, TN
20-21*.......Central Ga.Hamfest, WARNER ROBBINS, GA
27-28*..........Hamfest,CHATTANOOGA, TN

NOVEMBER 1990

3-4*....Ham Radio/Comp.Expo '90, LAWRENCEVILLE, GA
10..........13th Annual Hamfest, MONTGOMERY, AL
10*..........Hamfest, SUMTER, SC
10-11*..........Hamfest, FT. LAUDERDALE, FL
11*..........Hamfest, CONCORD, NC
17-18*..........Suncoast Conv. '90 TAMPA, FL
24-25*..........Hamfest, GREENSBORO, NC

Editor's Note: Show dates marked with an asterisk are not confirmed. These dates are based on 1989 show dates. Show sponsors are urged to send their corrected dates to the Journal Editor as soon as possible to eliminate conflicting dates with other shows which may be starting out.

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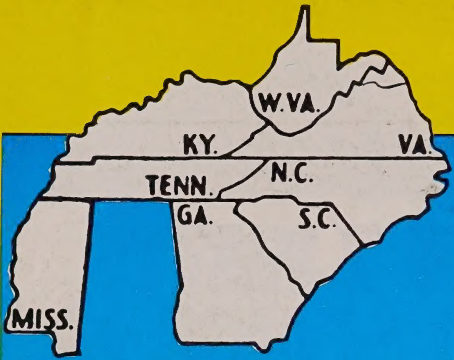

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